

Vol. XXXI NEW YORK-JULY 2, 1914, TO DECEMBER 31, 1914-CHICAGO Nos. 1-27

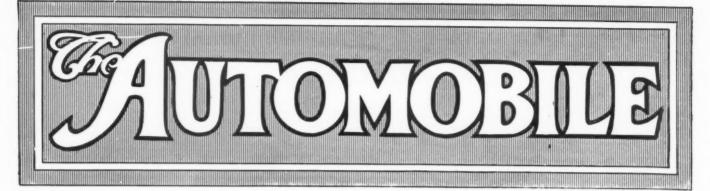
# Index to Volume XXXI

# ACCESSORIES

Absorbers, Houdaille Shock	Ford Body, Swan
Absorber, J. M. Shock	Ford Power-Transmitting Attachment, Ruff 745
Absorber, Simplex Shock	Ford Sedan Body
Absorbers, Sturges Shock	Fender, Linquist Automatic
Absorbers, Sturges Shock.         52           Acetylene generator, Vulcan.         786           A. G. A. Highway Beacon.         1142	Ford Valve Grinder
A. G. A. Highway Beacon1142	Fender, Linquist Automatic         431           Ford Valve Grinder         431           Friction Drive, Davis         654           Fuel adapter, Breeze Two         785
Air chuck, Edelmann	Fuel adapter, Breeze Two 785
Air Compressor, Gemmer Portage 342	ruel Indicator
Anderson Regulator 917	Fuel Saver, J. & B.       342         Garage Press, Weaver.       785         Garages, Canvas.       746
Anti-Glare Shade, Perkins	Garage Press, Weaver 785
Anti-Glare Shade, Perkins. 699 Axle, Hupp-Yeats, Worm. 785	Garages, Canvas
Axle, Sheldon 3-Ton 522	Gas Lighter, Davis1140
Axle, Sheldon 3-Ton 522 Bag, Twentieth Century Steam Cyring 200 Ball bearings, Universal annular 247, 829 Battery charger, Esterline 1186B Battery charger, Westinghouse Motor-Gene-	Gas Lighter, Ideal
Ball bearings, Universal annular	Gasoline Economizer, Jumbo
Battery charger, Esterline1186B	Gasoline Saver and Primer, Simplex1054
Battery charger, Westinghouse 'Motor-Gene-	Gauge, Stevens Pressure
TATOF	Gearset, Fuller Unit 52
Battery, Gould Storage 53	Gearset, Grant-Lees 653
Battery, Gould Storage	Gearset, Grant-Lees
Belt, Hinson Endless Fan 53	Gearshift lock, Bryant 388
Bench machinist 564	Gearset, Northern Small Car 522
Bodies, M. & M	Generator, Carleton Electric
Bodies, Robbins' Ford	Glove, Carron Electrically Warmed1096
Body, Ford Sedan	Goggles, Pralin Dimmer 294
Body, R. C. H	Go Motor-Speeder
Body, R. C. H	Governor, Kramer
Book, Gray & Davis	Governor, Kramer         1008           Gray & Davis Ford System         872
Book, Miller Safety Always	Grease, Alpha
Book, Miller Safety Always	Grease, Alpha
Bottles, Icy-Hot	Hand Warmer, Jeco
Bottles, Icy-Hot         53           Bowser Safety Book         918           Boxes, Brown Oil         53	Hand Warmer, Ieco
Boxes, Brown Oil	Hartford Economizer
Braender Non-Skid	Headlight Brazelton 654
Brass Polisher, Racine Electric 600	Headlight, Brazelton
Brass Polisher, Racine Electric	Headlight Hughes Turning 654
Bucket, Goodrich Rubber 340	Headlight, Hughes Turning
Rulb Carrier I C B	Heater, American
Rumner Halladay 600	Heater, Clark
Bumper, Hailaday. 699 Bushings, Grapalloy Self-Lubricating. 1095 Cab top for Fords. 654 Carbon Remover, O.Lax. 152 Carbon Remover, O.Lax. 220	Heater Consolidated 1052
Cah top for Fords	Heater, Consolidated
Carbon Remover, O-Lax	Heater Lehman 1051
Carbon Remover, Opeo	Heater, Lehman
Carbon Remover, Progress1096	Heater, Radio
Carbureter Master	Heater Scientific Safety Carage 1051
Carbureter Stewart-Warner 054	Heater, Scientific Safety Garage
Carbureter, Master	Hick Meyer Deflector
Catalog, Gurney Ball Bearing	Hick-Meyer Deflector
Cement, Goodyear white vulcanizing	Hoggson Toyometer 930
Charger St Louis Battery	Holder Forest City Combination 795
Charger, St. Louis Battery.         51           Clock, 8-Day, Free.         432           Clock, Johns-Manville.         1095	Holder Space Ties
Clock Johns Manville	Hoist One Ton Floatric Unit
Clutch multiple cone	Hoggson Joyometer       829         Holder, Forest City Combination       785         Holder, Spare Tire       54         Hoist, One Ton Electric Hoist       52         Horn, hand, Safeguard Mechanical       1186A
Clutch, multiple cone	Horn, Oakes Beartone
Coil, Ford	Horn, Rochester Fan
Compound Ion Ride Tire	Horn Sporton 652
Compound Joy Ride Tire	Horn, Sparton
Controller Aboo Lite	Hose Clamp Asch 652
Compound, Lessyl Laborcating.         199           Controller, Abco Lite.         53           Cord winder, Automatic.         700           Cup, Climax Grease.         829           Curtis Equalizing Spring System.         293           Cushion, Holden Easybak.         653           Cyclecar Motor, Oakbrook.         431           Dash light for Fords, Wireless.         431	Hose Clamp, Asch
Cup Climay Grasse	Hub, Demountable
Curtis Founding Spring System 2003	Hudsometer Weighagen
Cushian Holden Formbols	Inde Board Time Coming
Cyclecon Motor Ochbrook	Hydrometer, Weinhagen 654 Jack, Beard, Tire Saving 700 Jack, National Standard 387
Doch light for Forde Windows	Jack, National Standard
Dimmer Airs	Lamp, Attacho
Dimmer, Ajax. 294 Dimmer, Ajax Electric Headlight. 340 Dimmer, Chaney. 654 Dimmer, Chicago. 54	Lamp, Automatic
Dimmer, Alax Electric Headlight 340	Lamp, Edison
Dimmer, Chience	Lamp, Fresto Elec. Hand1140
Dimmer, Unicago 54	Lamp, Search Sign 54
Dimmer, Haynes	Lantern, Beers. 963 Lighter, Harwood Cigar. 52 Light, Rothermich Combination. 745 Light, Universal Reel 476
Dimming Switch Carles V	Lighter, Harwood Cigar
Dimming Switch, Cutler-Hammer 964	Light, Rothermich Combination 745
Drill stand, Alemite	Light, Universal Reel
Floatric Dell Then	Lining, Zone Asbestos Brake 52
Economizer, Fuel.         199           Electric Drill, Thor.         874           Fans, Westinghouse.         200	Lining, Zone Asbestos Brake. 52 Lock, Keyless Auto. 200 Lock-Nut, Absolute. 200 Lubricator, N. Y. Coil Co., for Fords. 830
Fibro Specialtica Diefer	Lock-Nut, Absolute
Fibre Specialties, Disfice	Lubricator, N. 1. Coll Co., for Fords 830

Foot-rest heater, K. P. Foot warmer, Samson. Ford Body, Swan. Ford Power-Transmitting Attachment, Ruff	1051
Foot warmer, Samson	1051.
Ford Body, Swan	475
Ford Power-Transmitting Attachment, Kun	745
Ford Sedan Body Fender, Linquist Automatic Ford Valve Grinder Friction Drive, Davis Fuel adapter, Breeze Two	431
Ford Valve Grinder	431
Friction Drive, Davis	654
Fuel adapter, Breeze Two	785
Fuel Indicator Fuel Saver, J. & B. Garage Press, Weaver Garages, Canvas.	1096
Fuel Saver, J. & B	342
Garage Press, Weaver	785
Garages, Canvas	1140
Gas Lighter, Davis. Gas Lighter, Ideal. Gasoline Economizer, Jumbo. Gasoline Saver and Primer, Simplex. Gauge, Stevens Pressure. Gearset, Fuller Unit	248
Gasoline Economizer Jumbo	746
Gasoline Saver and Primer, Simplex	1054
Gauge, Stevens Pressure	785
Gearset, Fuller Unit	52
Gearset, Grant-Lees. Gearset, Lefever, Small Car	022
Gearset, Lefever, Small Car	432
Gearshift lock, Bryant	388
Gearset, Northern Small Car Generator, Carleton Electric. Glove, Carron Electrically Warmed. Goggles, Pralin Dimmer Go Motor-Speeder Governor, Kramer. Gray & Davis Ford System. Grease, Alpha. Grease gun, Freeman self-filling. Hand Warmer, Jeco. Hand Wheel, Warm. Hartford Economizer Headlight, Brazelton. Headlight, Brazelton. Headlight, Hughes Turning. Headlight, Hughes Turning. Headlight, Shade, Safety First Heater, American Heater, Clark. Heater, Consolidated. Heater, Four-in-One Auto Heater, Lehman	522 653
Glove Carron Flectrically Warmed	1006
Goggles Pralin Dimmer	294
Go Motor-Speeder	745
Governor, Kramer	1008
Gray & Davis Ford System	872
Grease, Alpha	746
Grease gun, Freeman self-filling	86A
Hand Warmer, Ieco	1052
Hand Wheel, Warm	1052
Hartford Economizer	872
Headlight, Brazelton	654
Headlight Glare Illumination, H-M	430
Headlight, Hughes Turning	034
Heater American	1051
Heater Clark	1051
Heater Consolidated	1052
Heater, Four-in-One Auto	1095
Heater, Lehman	1051
Heater, Lytle Auto	1051
Heater, Lehman Heater, Lytle Auto. Heater, Radio. Heater, Scientific Safety Garage Heater, Superior Safe Garage. Hick-Meyer Deflector.  HM Light Controller	1051
Heater, Scientific Safety Garage	1051
Heater, Superior Safe Garage	1051
Hick-Meyer Deflector	186B
H-M Light Controller	430 829
Hoggson Joyometer Holder, Forest City Combination Holder, Spare Tire. Hoist, One Ton Electric Hoist. Horn, hand, Safeguard Mechanical 11 Horn, Oakes Beartone Horn, Rochester Fan.	705
Holder Space Ties	703
Hoist One Ton Flectric Hoist	52
Horn, hand, Safeguard Mechanical	186A
Horn, Oakes Beartone	963 745 653
Horn, Rochester Fan	745
Horn, Sparton	653
Horn, Sparton. Horn, Stewart hand-operated	1095
Hose Clamp, Asch	653
Hoyt Pocket Multimeter	964
Hub, Demountable. Hydrometer, Weinhagen Jack, Beard, Tire Saving. Jack, National Standard.	199
Hydrometer, Weinnagen	654
Jack, Beard, Tire Saving	700 387
Jack, National Standard	785
Lamp, AttachoLamp, Automatic	430
Lamp, Edison	786
Lamp, Edison	1140
Lamp, Search Sign	54
Lantern, Beers	963
Lighter, Harwood Cigar	52
Lantern, Beers Lighter, Harwood Cigar Light, Rothermich Combination	745
Light, Universal Reel	476
Light, Universal Reel. Lining, Zone Asbestos Brake Lock, Keyless Auto	52
Lock, Keyless Auto Lock-Nut, Absolute	200
LUCK-AVUL, AUSUIUIC	200

Luncheon Outfit, Knickerbocker Magnetizer, St. Louis Magnetizer, St. Louis Magnetice, Eisemann. Manifold, Ford Water-jacketed. Manifold Plug, Ieco. Mats, Koklip Meter, Sangamo Ampere Hour. Mazda, Guide No-Glare Meter, Stewart Radiator Meter, Westinghouse Portable Motor, Clark Motor, Five-Cycle Motor, Odebrook Cyclecar Motor, Rotary Valve	700
Magnetizer St Louis	1140
Magneto Ficemann	636
Manifold Fond Water in-heted	070
Manifold, Ford Water-jacketed	0/4
Manifold Flug, leco	1032
Mats, Koklip	54
Meter, Sangamo Ampere Hour	475
Mazda, Guide No-Glare	918
Meter, Stewart Radiator	388
Meter Westinghouse Portable	388
Motor Clock	476
Motor, Clark	473
Motor, Five-Cycle	431
Motor, Oakbrook Cyclecar	431
Motor, Rotary Valve	293
Motorsuit. Shanhouse	388
Motor tector Dinchah	150
Motor tester, Dinshall Value	521
Motor, Universal Fiston valve	1001
Muffler, Kellog Turbine	1093
No Shammy Utility Box	1140
Nut. self-locking, Tite-Wad	387
Oil Cup Apex	109/
Oil cup, Aprice No Chammy	700
On-pouring device, No-Shammy	240
Outht, Generating and Decarbonizing	341
Pan, F. & H. Drip	54
Paper, Isometric Sketching	54
Motor, Oakbrook Cyclecar Motor, Rotary Valve Motorsuit, Shanhouse Motor tester, Dinshah Motor, Universal Piston Valve Muffler, Kellog Turbine No Shammy Utility Box Nut, self-locking, Tite-Wad Oil Cup, Apex Oil-pouring device, No-Shammy Outfit, Generating and Decarbonizing Pan, F. & H. Drip Paper, Isometric Sketching Periodograph, Gisholt Patch, Quick-Tite Patching tool, Electric, Mabey Pillsbury Wautopail Piston Ring Remover, Sword Pliers with Offset Jaws, Gittatit Plug, Champion Powder, Smooth Cut Grinding Pressed Steel Jack, Lane Prest-O-Primer Primer and Gas-Saver, National Primer, Buckeye Primer, Chi-Fan-Co Primer, Chi-Fan-Co Primer, Eureka Primer, Hill-Stage Primer, Hill-Stage	186F
Patch Quick Tite	54
Patching tool Floatein Makey	744
Patching tool, Electric, Maney	/40
Pillsbury Wautopail	1140
Piston Ring Remover, Sword	964
Pliers with Offset Jaws, Gittatit	340
Plug Champion	1003
Powder Smooth Cut Grinding	5
Powder, Smooth Cut Ormaing	20
Pressed Steel Jack, Lane	29.
Prest-O-Primer	105
Primer and Gas-Saver, National	1054
Primer Buckeye	1054
Primer, Chi Fan Co	105
Dimer Deck Board	100
Frimer, Dash Doard	105
Primer, Eureka	1054
Primer, Hill-Stage	105
Primer, Indiana	105
Primer. Injex	1052
Drimer Liffy	109
Printer, July.	105
Primer rump, Victory	1034
Primer, R. C. Auto	105-
Pulley, Oakes Pressed Steel	699
Pump, Advance Ford	1007
Pump, Mago-Electric Garage Pump	51
Primer, Eureka Primer, Hill-Stage Primer, Indiana Primer, Injex Primer, Injex Primer, Jify Primer Pump, Victory Primer, R. C. Auto Pulley, Oakes Pressed Steel Pump, Advance Ford Pump, Mago-Electric Garage Pump Pump, M. P. Motor Tire Pump, National Telescope Cylinder Pump, 1915 Mayo Pump pipple, Bremer Radiator, Dippert	5
Dump National Telecope Culinder	700
Pump, National Telescope Cynnucr	011
Pump, 1915 Mayo	917
Pump nipple, Bremer	74
Radiator, Dippert	699
Radiator, El Arco	54
Radiator Heater, Neverout	1052
Radiator meter Stewart	43
Padiator Deselves	114
Radiator, Feeriess	1174
Ratchet Swivel Joints, Ogden	700
Repair plug, Sampson	1867
Retread Band, Mohawk	786
Rim. Simpley Demountable	476
Ping Leekite Picton	2.45
Pump, 1915 Mayo. Pump nipple, Bremer. Radiator, Dippert. Radiator, El Arco Radiator Heater, Neverout. Radiator meter, Stewart. Radiator meter, Stewart. Radiator, Peerless. Ratchet Swivel Joints, Ogden. Repair plug, Sampson. Retread Band, Mohawk. Rim, Simplex Demountable. Ring, Leektite Piston. Robe, Auto-Comfort. Rotobrush Rubber Preservative, Bigger. S. C. B. Tube. Searchlight, Newtype Mirror.	294
Robe, Auto-Comfort	31
Rotobrush	186
Rubber Preservative, Bigger	247
S. C. B. Tube	786
Searchlight, Newtype Mirror	1864
Searchlight, Pittsburgh Dirigible	65/
Shock Absorber Ruckeye De Luye	47
Shock Absorber C.C.	100
Snock Absorber, C-C	109
Shock Absorber, Comfort	389
Shock Absorber, Fowler, Flex-Spring	522
Shock Absorber, Geschwa	564
Shock Absorber, Helical	346
Shock Absorber Hoover	06
Charle Absorber V W	200
Rubber Preservative, Bigger. S. C. B. Tube. Searchlight, Newtype Mirror. Searchlight, Pittsburgh Dirigible. Shock Absorber, Buckeye De Luxe. Shock Absorber, C.C. Shock Absorber, Comfort. Shock Absorber, Fowler, Flex-Spring. Shock Absorber, Geschwa. Shock Absorber, Helical. Shock Absorber, Hoover. Shock Absorber, K-W.	641



Vol. XXXI NEW YORK-JULY 2, 1914, TO DECEMBER 31, 1914-CHICAGO Nos. 1-27

# Index to Volume XXXI

# ACCESSORIES

Absorbers, Houdaille Shock	Ford Body, Swan
Absorber, J. M. Shock	Ford Power-Transmitting Attachment, Ruff 745
Absorber, Simplex Shock	Ford Sedan Body
Absorbers, Sturges Shock	Fender, Linquist Automatic
Absorbers, Sturges Shock.         52           Acetylene generator, Vulcan.         786           A. G. A. Highway Beacon.         1142	Ford Valve Grinder
A. G. A. Highway Beacon1142	Fender, Linquist Automatic         431           Ford Valve Grinder         431           Friction Drive, Davis         654           Fuel adapter, Breeze Two         785
Air chuck, Edelmann	Fuel adapter, Breeze Two 785
Air Compressor, Gemmer Portage 342	ruel Indicator
Anderson Regulator 917	Fuel Saver, J. & B.       342         Garage Press, Weaver.       785         Garages, Canvas.       746
Anti-Glare Shade, Perkins	Garage Press, Weaver 785
Anti-Glare Shade, Perkins. 699 Axle, Hupp-Yeats, Worm. 785	Garages, Canvas
Axle, Sheldon 3-Ton 522	Gas Lighter, Davis1140
Axle, Sheldon 3-Ton 522 Bag, Twentieth Century Steam Cyring 200 Ball bearings, Universal annular 247, 829 Battery charger, Esterline 1186B Battery charger, Westinghouse Motor-Gene-	Gas Lighter, Ideal
Ball bearings, Universal annular	Gasoline Economizer, Jumbo
Battery charger, Esterline1186B	Gasoline Saver and Primer, Simplex1054
Battery charger, Westinghouse 'Motor-Gene-	Gauge, Stevens Pressure
TATOF	Gearset, Fuller Unit 52
Battery, Gould Storage 53	Gearset, Grant-Lees 653
Battery, Gould Storage	Gearset, Grant-Lees
Belt, Hinson Endless Fan 53	Gearshift lock, Bryant 388
Bench machinist 564	Gearset, Northern Small Car 522
Bodies, M. & M	Generator, Carleton Electric
Bodies, Robbins' Ford	Glove, Carron Electrically Warmed1096
Body, Ford Sedan	Goggles, Pralin Dimmer 294
Body, R. C. H	Go Motor-Speeder
Body, R. C. H	Governor, Kramer
Book, Gray & Davis	Governor, Kramer         1008           Gray & Davis Ford System         872
Book, Miller Safety Always	Grease, Alpha
Book, Miller Safety Always	Grease, Alpha
Bottles, Icy-Hot	Hand Warmer, Jeco
Bottles, Icy-Hot         53           Bowser Safety Book         918           Boxes, Brown Oil         53	Hand Warmer, Ieco
Boxes, Brown Oil	Hartford Economizer
Braender Non-Skid	Headlight Brazelton 654
Brass Polisher, Racine Electric 600	Headlight, Brazelton
Brass Polisher, Racine Electric	Headlight Hughes Turning 654
Bucket, Goodrich Rubber 340	Headlight, Hughes Turning
Rulb Carrier I C B	Heater, American
Rumner Halladay 600	Heater, Clark
Bumper, Hailaday. 699 Bushings, Grapalloy Self-Lubricating. 1095 Cab top for Fords. 654 Carbon Remover, O.Lax. 152 Carbon Remover, O.Lax. 220	Heater Consolidated 1052
Cah top for Fords	Heater, Consolidated
Carbon Remover, O.L.ax	Heater Lehman 1051
Carbon Remover, Opeo	Heater, Lehman
Carbon Remover, Progress1096	Heater, Radio
Carbureter Master	Heater Scientific Safety Carage 1051
Carbureter Stewart-Warner 054	Heater, Scientific Safety Garage
Carbureter, Master	Hick Meyer Deflector
Catalog, Gurney Ball Bearing	Hick-Meyer Deflector
Cement, Goodyear white vulcanizing	Hoggson Toyometer 930
Charger St Louis Battary	Holder Forest City Combination 795
Charger, St. Louis Battery.         51           Clock, 8-Day, Free.         432           Clock, Johns-Manville.         1095	Holder Space Ties
Clock Johns Manville	Hoist One Ton Floatric Unit
Clutch multiple cone	Hoggson Joyometer       829         Holder, Forest City Combination       785         Holder, Spare Tire       54         Hoist, One Ton Electric Hoist       52         Horn, hand, Safeguard Mechanical       1186A
Clutch, multiple cone	Horn, Oakes Beartone
Coil, Ford	Horn, Rochester Fan
Compound Ion Ride Tire	Horn Sporton 652
Compound Joy Ride Tire	Horn, Sparton
Controller Aboo Lite	Hose Clamp Asch 652
Compound, Lessyl Laborcating.         199           Controller, Abco Lite.         53           Cord winder, Automatic.         700           Cup, Climax Grease.         829           Curtis Equalizing Spring System.         293           Cushion, Holden Easybak.         653           Cyclecar Motor, Oakbrook.         431           Dash light for Fords, Wireless.         431	Hose Clamp, Asch
Cup Climay Grasse	Hub, Demountable
Curtis Founding Spring System 2003	Hudsometer Weighagen
Cushian Holden Formbols	Inde Board Time Coming
Cyclecon Motor Ochbrook	Hydrometer, Weinhagen 654 Jack, Beard, Tire Saving 700 Jack, National Standard 387
Doch light for Forde Windows	Jack, National Standard
Dimmer Airs	Lamp, Attacho
Dimmer, Ajax. 294 Dimmer, Ajax Electric Headlight. 340 Dimmer, Chaney. 654 Dimmer, Chicago. 54	Lamp, Automatic
Dimmer, Alax Electric Headlight 340	Lamp, Edison
Dimmer, Chience	Lamp, Fresto Elec. Hand1140
Dimmer, Unicago 54	Lamp, Search Sign 54
Dimmer, Haynes	Lantern, Beers. 963 Lighter, Harwood Cigar. 52 Light, Rothermich Combination. 745 Light, Universal Reel 476
Dimming Switch Carles V	Lighter, Harwood Cigar
Dimming Switch, Cutler-Hammer 964	Light, Rothermich Combination 745
Drill stand, Alemite	Light, Universal Reel
Floatric Dell Then	Lining, Zone Asbestos Brake 52
Economizer, Fuel.         199           Electric Drill, Thor.         874           Fans, Westinghouse.         200	Lining, Zone Asbestos Brake. 52 Lock, Keyless Auto. 200 Lock-Nut, Absolute. 200 Lubricator, N. Y. Coil Co., for Fords. 830
Fibro Specialtica Diefer	Lock-Nut, Absolute
Fibre Specialties, Disfice	Lubricator, N. 1. Coll Co., for Fords 830

Foot-rest heater, K. P. Foot warmer, Samson. Ford Body, Swan. Ford Power-Transmitting Attachment, Ruff	1051
Foot warmer, Samson	1051.
Ford Body, Swan	475
Ford Power-Transmitting Attachment, Kun	745
Ford Sedan Body Fender, Linquist Automatic Ford Valve Grinder Friction Drive, Davis Fuel adapter, Breeze Two	431
Ford Valve Grinder	431
Friction Drive, Davis	654
Fuel adapter, Breeze Two	785
Fuel Indicator Fuel Saver, J. & B. Garage Press, Weaver Garages, Canvas.	1096
Fuel Saver, J. & B	342
Garage Press, Weaver	785
Garages, Canvas	1140
Gas Lighter, Davis. Gas Lighter, Ideal. Gasoline Economizer, Jumbo. Gasoline Saver and Primer, Simplex. Gauge, Stevens Pressure. Gearset, Fuller Unit	248
Gasoline Economizer Jumbo	746
Gasoline Saver and Primer, Simplex	1054
Gauge, Stevens Pressure	785
Gearset, Fuller Unit	52
Gearset, Grant-Lees. Gearset, Lefever, Small Car	022
Gearset, Lefever, Small Car	432
Gearshift lock, Bryant	388
Gearset, Northern Small Car Generator, Carleton Electric. Glove, Carron Electrically Warmed. Goggles, Pralin Dimmer Go Motor-Speeder Governor, Kramer. Gray & Davis Ford System. Grease, Alpha. Grease gun, Freeman self-filling. Hand Warmer, Jeco. Hand Wheel, Warm. Hartford Economizer Headlight, Brazelton. Headlight, Brazelton. Headlight, Hughes Turning. Headlight, Hughes Turning. Headlight, Shade, Safety First Heater, American Heater, Clark. Heater, Consolidated. Heater, Four-in-One Auto Heater, Lehman	522 653
Glove Carron Flectrically Warmed	1006
Goggles Pralin Dimmer	294
Go Motor-Speeder	745
Governor, Kramer	1008
Gray & Davis Ford System	872
Grease, Alpha	746
Grease gun, Freeman self-filling	86A
Hand Warmer, Ieco	1052
Hand Wheel, Warm	1052
Hartford Economizer	872
Headlight, Brazelton	654
Headlight Glare Illumination, H-M	430
Headlight, Hughes Turning	034
Heater American	1051
Heater Clark	1051
Heater Consolidated	1052
Heater, Four-in-One Auto	1095
Heater, Lehman	1051
Heater, Lytle Auto	1051
Heater, Lehman Heater, Lytle Auto. Heater, Radio. Heater, Scientific Safety Garage Heater, Superior Safe Garage. Hick-Meyer Deflector.  HM Light Controller	1051
Heater, Scientific Safety Garage	1051
Heater, Superior Safe Garage	1051
Hick-Meyer Deflector	186B
H-M Light Controller	430 829
Hoggson Joyometer Holder, Forest City Combination Holder, Spare Tire. Hoist, One Ton Electric Hoist. Horn, hand, Safeguard Mechanical 11 Horn, Oakes Beartone Horn, Rochester Fan.	705
Holder Space Ties	703
Hoist One Ton Flectric Hoist	52
Horn, hand, Safeguard Mechanical	186A
Horn, Oakes Beartone	963 745 653
Horn, Rochester Fan	745
Horn, Sparton	653
Horn, Sparton. Horn, Stewart hand-operated	1095
Hose Clamp, Asch	653
Hoyt Pocket Multimeter	964
Hub, Demountable. Hydrometer, Weinhagen Jack, Beard, Tire Saving. Jack, National Standard.	199
Hydrometer, Weinnagen	654
Jack, Beard, Tire Saving	700 387
Jack, National Standard	785
Lamp, AttachoLamp, Automatic	430
Lamp, Edison	786
Lamp, Edison	1140
Lamp, Search Sign	54
Lantern, Beers	963
Lighter, Harwood Cigar	52
Lantern, Beers Lighter, Harwood Cigar Light, Rothermich Combination	745
Light, Universal Reel	476
Light, Universal Reel. Lining, Zone Asbestos Brake Lock, Keyless Auto	52
Lock, Keyless Auto Lock-Nut, Absolute	200
LUCK-AVUL, AUSUIUIC	200

Luncheon Outfit, Knickerbocker Magnetizer, St. Louis Magnetizer, St. Louis Magnetice, Eisemann. Manifold, Ford Water-jacketed. Manifold Plug, Ieco. Mats, Koklip Meter, Sangamo Ampere Hour. Mazda, Guide No-Glare Meter, Stewart Radiator Meter, Westinghouse Portable Motor, Clark Motor, Five-Cycle Motor, Odebrook Cyclecar Motor, Rotary Valve	700
Magnetizer St Louis	1140
Magneto Ficemann	636
Manifold Fond Water in-heted	070
Manifold, Ford Water-jacketed	0/4
Manifold Flug, leco	1032
Mats, Koklip	54
Meter, Sangamo Ampere Hour	475
Mazda, Guide No-Glare	918
Meter, Stewart Radiator	388
Meter Westinghouse Portable	388
Motor Clock	476
Motor, Clark	473
Motor, Five-Cycle	431
Motor, Oakbrook Cyclecar	431
Motor, Rotary Valve	293
Motorsuit. Shanhouse	388
Motor tector Dinchah	150
Motor tester, Dinshall Value	521
Motor, Universal Fiston valve	1001
Muffler, Kellog Turbine	1093
No Shammy Utility Box	1140
Nut. self-locking, Tite-Wad	387
Oil Cup Apex	109/
Oil cup, Aprice No Chammy	700
On-pouring device, No-Shammy	240
Outht, Generating and Decarbonizing	341
Pan, F. & H. Drip	54
Paper, Isometric Sketching	54
Motor, Oakbrook Cyclecar Motor, Rotary Valve Motorsuit, Shanhouse Motor tester, Dinshah Motor, Universal Piston Valve Muffler, Kellog Turbine No Shammy Utility Box Nut, self-locking, Tite-Wad Oil Cup, Apex Oil-pouring device, No-Shammy Outfit, Generating and Decarbonizing Pan, F. & H. Drip Paper, Isometric Sketching Periodograph, Gisholt Patch, Quick-Tite Patching tool, Electric, Mabey Pillsbury Wautopail Piston Ring Remover, Sword Pliers with Offset Jaws, Gittatit Plug, Champion Powder, Smooth Cut Grinding Pressed Steel Jack, Lane Prest-O-Primer Primer and Gas-Saver, National Primer, Buckeye Primer, Chi-Fan-Co Primer, Chi-Fan-Co Primer, Eureka Primer, Hill-Stage Primer, Hill-Stage	186F
Patch Quick Tite	54
Patching tool Plastein Makey	744
Patching tool, Electric, Maney	/40
Pillsbury Wautopail	1140
Piston Ring Remover, Sword	964
Pliers with Offset Jaws, Gittatit	340
Plug Champion	1003
Powder Smooth Cut Grinding	5
Powder, Smooth Cut Ormaing	20
Pressed Steel Jack, Lane	29.
Prest-O-Primer	105
Primer and Gas-Saver, National	1054
Primer Buckeye	1054
Primer, Chi Fan Co	105
Dimer Deck Board	100
Frimer, Dash Doard	105
Primer, Eureka	1054
Primer, Hill-Stage	105
Primer, Indiana	105
Primer. Injex	1052
Drimer Liffy	109
Printer, July.	105
Primer rump, Victory	1034
Primer, R. C. Auto	105-
Pulley, Oakes Pressed Steel	699
Pump, Advance Ford	1007
Pump, Mago-Electric Garage Pump	51
Primer, Eureka Primer, Hill-Stage Primer, Indiana Primer, Injex Primer, Injex Primer, Jify Primer Pump, Victory Primer, R. C. Auto Pulley, Oakes Pressed Steel Pump, Advance Ford Pump, Mago-Electric Garage Pump Pump, M. P. Motor Tire Pump, National Telescope Cylinder Pump, 1915 Mayo Pump pipple, Bremer Radiator, Dippert	5
Dump National Telecope Culinder	700
Pump, National Telescope Cynnucr	011
Pump, 1915 Mayo	917
Pump nipple, Bremer	74
Radiator, Dippert	699
Radiator, El Arco	54
Radiator Heater, Neverout	1052
Radiator meter Stewart	43
Padiator Deselves	114
Radiator, Feeriess	1174
Ratchet Swivel Joints, Ogden	700
Repair plug, Sampson	1867
Retread Band, Mohawk	786
Rim. Simpley Demountable	476
Ping Leekite Picton	2.45
Pump, 1915 Mayo. Pump nipple, Bremer. Radiator, Dippert. Radiator, El Arco Radiator Heater, Neverout. Radiator meter, Stewart. Radiator meter, Stewart. Radiator, Peerless. Ratchet Swivel Joints, Ogden. Repair plug, Sampson. Retread Band, Mohawk. Rim, Simplex Demountable. Ring, Leektite Piston. Robe, Auto-Comfort. Rotobrush Rubber Preservative, Bigger. S. C. B. Tube. Searchlight, Newtype Mirror.	294
Robe, Auto-Comfort	31
Rotobrush	186
Rubber Preservative, Bigger	247
S. C. B. Tube	786
Searchlight, Newtype Mirror	1864
Searchlight, Pittsburgh Dirigible	65/
Shock Absorber Ruckeye De Luye	47
Shock Absorber C.C.	100
Snock Absorber, C-C	109
Shock Absorber, Comfort	389
Shock Absorber, Fowler, Flex-Spring	522
Shock Absorber, Geschwa	564
Shock Absorber, Helical	346
Shock Absorber Hoover	06
Charle Absorber V W	200
Rubber Preservative, Bigger. S. C. B. Tube. Searchlight, Newtype Mirror. Searchlight, Pittsburgh Dirigible. Shock Absorber, Buckeye De Luxe. Shock Absorber, C.C. Shock Absorber, Comfort. Shock Absorber, Fowler, Flex-Spring. Shock Absorber, Geschwa. Shock Absorber, Helical. Shock Absorber, Hoover. Shock Absorber, K-W.	641

Shock Absorber, La Porte.         476           Shock Absorber, Sturges for Ford.         699           Shovel, Dudly Folding.         1007           Signal, Electric Safety.         829
Shock Absorber, Sturges for Ford 699
Shovel, Dudly Folding
Signal, Walz Auto
Signal, Walz Auto
Soldering Iron, Apex Multiple-kartridge elec- tric 830
Spark Plug, Bobra 830
Spark Plug, Double
Spark Plug Fixture, Cico
Spark Plug, Red Head
Speedometer, Garford Ford1008
Speedometer, Van Sicklen
Spring, Cox Pneumatic
Spring National Bar 247
Spring, Shock Absorber Cantilever. 342 Starter, Air, Auto Appliance Co. 521
Starter, Air, Compton
Starter, Denver Ford1008
Starter, Gahm
Starter, Murphy
Starter Vell Proumatic 430
Starter, Perfect
Stickalite
Starter,   Perfect.   186B     Starting Crank Holder, Apco   432     Stickalite   54     Sub Car, Folding   199
Suit Case Carrier, Asch
Sub Car, Folding.     199       Suit Case Carrier, Asch.     653       Superheater, R. O. C.     1054       S. V. Tire, Goodyear     294       Tackle, Pull, O. Dut.     690
Tackle, Pull-O-Out         699           Tank, Dover Emergency Gasoline.         1186A           Tape Reel, Lewis.         432           Tents, Compac.         294
Tank, Dover Emergency Gasoline
Tents, Compac
Terminal, Elk
Terminals, Everlastingly Good
Thermoplax and Pyroplax. 1186B Thermoplax for Radiator Caps. 786 Tire, Airplex Tuner. 431
Tire, Airplex Tuner 431
Tire Alarm, Polo
Tire Chains, Easyon, 1007
Tire, Combs Spring1186A
Tire, Combs Spring
Tire Gauge, Staon
Tire Gauge, Twitchell
Tire Holder Sly Ford 063
Tirenew and Narco Filler, J. M. 1007 Tire Poster, Michelin 654 Tire Pump, Apex Automatic Electric 830
Tire Poster, Michelin
Tire Savers, Jiffy-Jax
Tire, Sterling Custom-made
Tire Straps, Bukolt
Tire, S. U. Truck.     247       Tire, Triple Tread.     432       Tire Valve, Burke.     430       Tire, Vitalite.     964
Tire Valve, Burke
Tire, Vitalite 964
Top, Buob & Scheu 431 Top Cleaner, Percama 918
Top. Wolfe One-Man. 431
Trailer Curtis 522
Trailer, Simplex 1096 Transmission, Kirck Friction 476
Tread Economizer, Scott
Truck Convention in Detroit, Important Papers
Scheduled for
Scheduled for
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432
Scheduled for 601 Tube Armor, Inner 432 Tube Guard, Pobl Correct Tube County 1000 1000 1000 1000 1000 1000 1000 10

### ASSOCIATIONS AND CLUBS

Mile Race
A A A Plan Annual Masting May 17.18 1136
A. A. A. Flan Allitudi Meeting May 17-101130
A. A. in Oklahoma 426
A. C. A. Increases Its Laboratory Facilities, 464
A. C. A. Technical Service to Be Broadened, 410
American Drop Forge Assn. Formed 839
Associated Garages of America, to Form 780
Automobile Club of Chile Organized 319
Boston Dealers' Assn 960
British Engineers' Society Changes Address 423
Chamber of Commerce Has Record Show Ap-
plications
Chamber of Commerce Says Trucks Abused by
Use of Trailers
Chamber of Commerce Summer Session 192
Chicago Road Congress, 9 Papers for 864

Coffin Added to Patents Committee 560	King, 1915
Cyclecar Nat. Assn. Elects New Directors 147	Kissel Adds
Denver Club in A. A. A 695	KisselKar (
Denver Club Inaugurates New License Plan 1179	KisselKar S
Detroit Garagemen Form Welfare Assn 825	Kline, 1915
Drop Forge Assn. Formed1002	Krit, 1915
Efficiency Survey Discusses Car Units 240	Lyons-Knigh
Electric Valid Courses Car Units 240	
Electric Vehicle Convention Opens 752	Marr Car, Maxwell,
English Engineers to Discuss Self-Starter 110	Maxwell,
Electric Veh. Assn., Howland Addresses 693	McFarlan,
Elec. Veh. Assn., N. Y. Division Formed 426	Metz, 1915
E. V. A. A. Completes Convention Program. 605	Milburn El
E. V. A. A. Convention, Member Claims \$700	Mitchell, 19 Mitchell Si
Electric Impossible at Present 821	
E. V. A. A., Detroit Sec. of Formed 141	Moline, 19
E. V. A. A. Elects Officers and Directors 779	Monarch, 1
E. V. A. A. Membership Is Doubled 284	Monroe
E. V. A. A. Session, History and Progress. 1002	Moon Equal
E. V. A. A.'s St. Louis Section 558	Moon Has
I. A. E. Discusses War and Trade 741	National, 1
Illinois Garagemen Condemn "Leagues" 825 Illinois Garage Owners' Assn. Formed 735	Oakland, 1
Illinois Garage Owners' Assn. Formed 735	Oldsmobile,
Illinois Garage Owners for Uniform Prices 235	Overland 8
M. A. W. A. Reorganized-New Officers 913	Overland 8:
M. A. M. Adds 7 New Members 780	Overland S
M. A. M. Has Efficient Traffic Dept 370	Packard, 19
M. & A. M., Zenith Elected Member of 1132	Paige, 1915
Milwaukee Interclub Reliability Award Re-	Partin-Palm
versed 26	Paterson, \$
Motor Truck Club Discusses Service 195	Paterson, 1
Motor Truck Club's Convention a Success 705	Peerless Fo
Motor Truck Club, Service Bureau for 284	Pathfinder,
M. A. A. M. Appoints Committees for Year. 426	Pierce Offe
N. A. C. C. Co-operates with Congress1043	Pilgrim Lis
N. A. C. C. Holds Optimistic Session 467	Pilot, 1915
N. A. C. C. in Summer Session 205	Premier 1
N. A. C. C. 90-Day Warranty Pasted on Car. 139	Premier, 1: Premier-We
N. A. C. C. Recommends Interchange of Patent	
	Pullman, 1
Licenses by Makers	Pullman, \$ Renault Ha
National Dealers' Assn	
New York Club Formed for Tradesmen 240	Reo Six fo
New York State Auto Assn., Dissension in1002	Republic,
New York State Federation Organized1087	Saxon, 191
New York Trade Boosters' Annual Outing 606	Saxon Six
	Scripps-Boo

#### AF

S. A. E.
Annual Meeting at Show Time
Indiana Sec. Studies Cord Tire Making 73 Makers Save by Using Standards 74
Motors, Should Test on Spring Chassis
Standards Committee in Session
System, 6-Volt vs. 12-Volt
VanDervoort Nominated for President
Safety First Society to Test Rear-end Signals 11 Truck Club to Hold Detroit Convention
Truck Convention Program
_

### CAR DESCRIPTIONS

Apperson, Four and Six, 1915	666
Briscoe, 1915	414
Buffalo Electric	78
Buick, 1915	208
Cadillac, 1915	523
Cartercar, 1915	622
Chaimers, 1915	276
Chandler 2885-Power Six Has 10 Per Cent.	
Power Increase	34
Chevrolet, Four and Six, 1915	939
Cole Four, 1915	797
Cole Four, 1915	40
Davis, 1915	728
Detroit Electric, 1915	668
Detroiter, 1915	280
Dodge Bros. Car	882
Dodge, 1915	136
Empire, 1915	676
Empire, \$150 Less	271
Enger Six, 1915	854
Fisher, 1915	117
Franklin Uses Shew Bevel Drive	320
F. R. P. 100-H. P. Car	903
Grant Cuts Price \$70 for 1915	279
Haynes Light Six	456
Hertf-Brooks, 1915	326
Hupmobile, 19:5	372
Imperial Four, 1915	852
Jackson, 1915	461
Jeffery Six Has High-Speed Motor and	101
Worm Drive	185
King Eight for 1915	

King, 1915
Kissel Adds L-Head Block Six
KisselKar Cut to \$1,450
KisselKar Six Has Two-Door Touring Bodies 41
Kline, 1915
Krit 1915 417
Lyons-Knight, 1915 4412 Marr Car, 1915 774 Maxwell, 1915 213 McFarlan, 1915 502 Metz, 1915 135 Milburn Elec. in Three Models. 1110 Mitchell, 1915 220 Mitchell Six for \$1,585 1082 Moline 1915 555
Maxwell, 1915 213
McFarlan, 1915 502
Metz. 1915 135
Milburn Elec. in Three Models
Mitchell, 1915
Mitchell Six for \$1.585
Moline, 1915
Monarch 1915 500
Monroe 992
Moon Equalizer Has Twenty-eight Less Parts 187
Moon Has New Four and Small Six 324
National 1015
Ookland 1015
National, 1915
Overland 90 1015
Overland 80, 1915 316 Overland 81, 1915 316 Overland 81, 1915 531 Overland Six, 1915 837 Packard, 1915 114 Paige 1915 1038
Overland of, 1915
Overland Six, 1915
Packard, 1915
Paige, 1915
Partin-Palmer, \$495
Paterson, \$1,485
Paterson, 1915 944
Packard, 1915     114       Paige, 1915     1038       Partin-Palmer, \$495     46       Paterson, \$1,485     605       Paterson, 1915     944       Peerless Four and Six     1034       Pathfinder, \$2,322     597       Pierce Offers 54 Body Types     300       Pilgrim Light Car     458       Pilot, 1915     772
Pathninder, \$2,322 59/
Pierce Offers 54 Body Types 300
Pilgrum Light Car 458
Filgrin Light Car 438 Filot, 1915 772 Premier, 1915 116 Premier-Weidely, 1915 504 Pullman, 1915 277 Pullman, \$695 605 Renault Has New Radiator Design 32: Reo Six for \$1,385 106 Republic 1915 344
Premier, 1915 116
Premier-Weidely, 1915 504
Pullman, 1915
Pullman, \$695
Renault Has New Radiator Design 323
Reo Six for \$1,385     106       Republic, 1915     31       Saxon, 1915     27       Saxon Six     103       Scripps Booth at \$775     85       Singer Six, 1915     72       Sphinx, \$695     60       Stevens-Duryea, 1915     36       Studebakers, 15 Per Cent. More Power in 26     26       Stutz, 1915     63       Twombly Taxi, \$600     85       Velie, \$1,595     59       Wahl, 1915     13       Ward Coupé and Delivery     99       Waverley Four-chair Brougham     57       White, 1915     81
Republic, 1915 314
Saxon, 1915 27-
Saxon Six
Scripps-Booth at \$775 859
Singer Six, 1915 723
Sphinx, \$695 605
Stevens-Duryea, 1915 369
Studebakers, 15 Per Cent. More Power in 268
Stutz, 1915
Twombly Taxi, \$600 851
Velie, \$1,595 590
Wahl, 1915 137
Ward Coupé and Delivery993
Waverley Four-chair Brougham 576
White, 1915 815
White, 1915
Winton Minimizes Vibration 37
Winton, 1915, Smaller Six
Winton, 1915, Smaller Six
Woods, 1915
, , , , , , , , , , , , , , , , , , , ,
_

### COMMERCIAL VEHICLES

Alma Truck as Gospel Wagon1062
Armored Truck with Revolving Gun-Turret 971
Bull Tractor Sells for \$3951136
British Army Truck Efficiency880, 939
British Trucks with Army in France 479
Bull \$335 Tractor Does Work of Five Horses, 1031
Convention Success, Truck
Co-operative Plan for Federal Truck Dealers 1132
Convention Success, Truck
Electrics, Commercial, for Special Use1080
Electrics Used Abroad1170
Europe Orders 1,000 More Trucks 61
Field for 750,000 Trucks
Fremont-Mais Has Double Reduction Axle 45
French War Trucks Superior to English 482
G. M. C. 1,500-Pound Chassis for \$1,090 810
Hexter Truck Stepless
Hexter Truck Stepless
Koehler Car Description
Kelly-Springfield Buses, Los Angeles Has 123
Peerless Crane
Purity Floatric Description 400
Purity Electric Description
Transit Trucks Four Change 1111
Trails I Tucks—Four Chassis
Trucks and Traffic Engineer, Paper Read by
E. S. Shumacher
Truck Specifications Given Out by Greeks 868
Truck Convention in Detroit, Important Papers
Scheduled for 60
Truck, Stewart
United States to Test Motor Tractor 90
Vim Delivery Described
Wagenhals Electric Delivery Car 1s 3-Wheel
Type
War, American Trucks to Play Part in 79
White Baltimore Truck Has Wireless Equip-
ment102.
White Trucks for Post Office, 7 More
Wilson Co. Announces New Truck 78
Wilson Truck Described 80
_
CONTESTS

#### CONTESTS

A. A. A. Contest Rules for 1914 Promulgated.	102
Argentine Republic, Races and Runs for	290
Baker Electric Makes 130 Miles on 1 Charge.	426
Brighton Beach, Labor Day Matinee for	290
Brighton, De Palma Wins Four Events at	
Burman Sets World 15-Mile Record in 12:47	562
Burman Beats Oldfield	283

Car-Nation Covers 3,500 Miles in 8 Days	French Races         92           From Report to Reality         950           Fuel, the New         996           Gasoline, \$20,000,000         600           Getting Together         138           Highways and War         510           I'll Find a Way or Make It         328           Initiative vs. Imitation         554           Latin-American Sale         642           Light Armored Cars         1128           Lost         18           Monocar         138           New Merchandising Methods         282           New York's Delay         128           Our Opportunity         686           Patent Reciprocity         1084           Profits of War         820           Racing Interests         420           Rational Fire Regulations         996           Rift in the Stormcloud         376           Rubher vs. Rails         232           South American Methods         510           Speedway Opportunities         1040           Stramlina Is Needed         420           Stramline Concept         730	Salt Baths
Elgin Road Races, Entries 17. 290 Elgin Road Races, 10 Entered. 194 Elgin Road Race, Entries Now 19. 336 Ei Paso-Record, Pope-Hartford Breaks. 912 El Paso to San Diego, 900-Mile Race Planned 781 France, Big Competition Off in. 332 French Grand Prix, Europe at 1914. 158 French Grand Prix, Europe at 1914. 258 French Grand Prix, Europe at 1914. 259 French Grand Prix, Eu	The Boomerang         1128           The Day         1176           The Little Truck Show—The Eight—Motor         1278           The 1915         Will—Accessories Active—1915           Specifications         1279           The Inner Circle         1176           The Maelstrom         950           The Reward of Genius         950	Mile
Galveston Beach, Mulford Stars at 289 Galveston Beach Races, 15 Entered 195 Grand Prix, French, Mercedes Wins. 55 Grand Prix, Pequot Makes 107½ M.P.H. 256 Grand Prix, Trials, 105 M.P.H. in 27 Grand Prix, French Motor Designs. 62 Hupmobile, Sealed, Finishes 6,200 Miles. 242 Indianapolis, Four Entries for 1136 Indianapolis Race, 2 Sunbeams May Enter 1091 Indfanapolis Seating Capacity Raised to 75,000.1182 Kalamazoo, Burman Wins at 649 Kalamazoo to Have Speedway 695 Kansas City Dealers Hold 6-Day Tour 648 Labor Day Races, Brighton Beach Preparing for 336 Los Angeles-Phoenix, Oldfield Wins 928 Los Angeles-Phoenix Road Race, 18 in 824	Time for Study, A         282           Tire Flaps, Use of         188           Tire Prices Climb         329           Tire Sizes, Too Many         642           Touring in Electrics         862           Traffic Engineering         730           Truck Ilash         1084           Truck Show         906           Truck Users in Line         232           Two Blades of Grass         19           Two Tire Blades         328           Used-Car Markets         1176           Used Car Standards         466           Valves, Positively-Operated         188           War, the Wake of         554           War Truck Requirements         466           Wear         820	Allen Auto Specialty Co. vs. E. G. Baker. 778 Allen, Gilbert, Answers. 1043 American Motors Discharged from Bankruptey, 11,34 American Voiturette Co., Receiver for 471 Anti-Glare Ordinances, Fight. 953 Anti-Glate Regulation, to Test Washington. 467 Austin vs. Cadillac on 2-Speed Axle Patent. 98 Automobiles Unattended Seized. 24 Axle Makers Unite Against Kardo Co. 1282 Benham Co. Asks for Dissolution. 467 Blomstrom Receiver Is Rewarded \$46,106.75, 1092 Bosch Denies Magneto Patent Infringement. 954 Boston Dealers Continue Separator Fight. 1087 Boston Garagemen Fight Fire Restrictions. 694 Bretz Co. Files Certificate. 1181 Cadillac 2-Speed Axle Not Enjoined. 140 California Has New H.P. Formula. 1087 California State Speed Law Supreme. 1177
Medford Races, Sigma Stars at. 738 Mercedes Wins Elgin Races. 389 Mile Track Records, Burman and Oldfield Smash Mineapolis Speedway, Creosote Blocks for. 290 Minneapolis and St. Paul, 2-Mile Speedway for 913 Minneapolis and St. Paul, 2-Mile Speedway for 913 Minneapolis to Have 2-Mile Saucer for Races. 869 Mitchell Averages 15.5 M.P.G. for 1,946 Miles. 693 Mitchell in Good Shape After 7,500 Miles. 905 Motor Pageant, \$5,000 in Prizes for. 196 Newark Light Car Run, 4 Perfect in. 515	Alloys, Recent Progress with	Cameron Assets, Offers \$6,500 for
Newark Light Car Run, 4 Perfect in 515 Oklahoma City Race, 306 Miles 1046 Oklahoma Fair, New Track Records at 695 Oklahoma Fair Races, \$7,000 Prizes at 608 Oldfield Leads in Desert Race 912 Olympia, Description of Cars 1055 Omaha, Race Track Planned at 868 Omaha Speedway Opening July 5 1182 Patterson Goes from Chicago to New York in 41 Hours 958 Race Dates for 1915 109 Rayfield Averages 24.2 M.P.G. 693 Rayfield Averages 24.2 M.P.G. 693	Aluminum 681 Carbureter, Automatic, New Type of 366 Carbureter, Breguet's, Fuel and Air Control in 131 Carbureter Throttled by Varying Area of Venture Port. 43 Clutch, Hydraulic, with Ball Pistons Made in England 452 Contributory Negligence, Legal Views on 589 European Cars, Minor Innovation in 43 Four-Wheel Drive Truck Used for War Purposes 1120 Gearing and Clutches, Elements in, to Avoid	Clayton Bill Becomes Law. 778 Clayton Bill Passed—Hits Patent Monopoly. 513 Cleveland-Galion Wants to Declare Dividend. 335 Compensation Act, Discuss Workmen's 22 Competition, Commission to Regulate. 22 Crescent Motor Liabilities \$485,590.32. 957 Crescent Motor Co., Receiver for 693 Crown Co. Officials Indicted for Mail Fraud. 822 Dayton Electric Car Co. in Trouble 956 Decisions, Recent Court. 317 De Laski & Thropp Co. Wins. 822 Denver Passes Anti-Glare Ordinance 866
San Antonio Track, Fast Time at	Jerky Starts 450 Gear Speeds, System for Chocsing 630 Gear, Tourreil's Hydraulic Reducing 181 Gears, Sliding, Weight and Wear Saved 131 German Manufacture of Steel Balls, Control of Materials 848 German Omnibus 766 Germany's Export Trade, Dividing 850 Grand Prize and Tourist Trophy Races, Construction Lessons from 588	Detroit Club Pumping Stations Must Go. 381 Detroit, Disappearing Safety Signs for. 735 Detroit Electric Appliance Co., Creditors Meet.1092 Detroit Parking Time 1 Hour. 1182 Dodge Bros. Sue to Protect Name. 381 Drawback, Chassis and Body Parts Given. 235 Efficiency Survey in Financial Difficulties. 736 Ferry Charges, Action Expected Shortly on. 823 Floating Axle Patents in Suit. 954 Ford Wins Suit to Protect Name. 1282
Speedway, \$500,000 One for Minneapolis. 242 Speedway for Minneapolis, a \$1,000,000 Springfield, Mercer, Metz and National Star at 242 Stepless Electric Bus Test in New York. 284 St. Louis, Mitchell Perfect in Run. 738 Studebaker Averages 15.15 Miles to Gallon. 102 Tacoma Race Meet. 515 Tacoma Races, Twenty-five Entries. 26	Hardening in Cyanide of Potash. 807 Hotelmen, Rules for. 90 Ignition, Self, Relations to, and Piston Stroke. 223 Improved Motor Control, Experienced Driver Formulates a Wish for. 265 International Trade in Automobiles. 266 Kerosene Carbureter, Exhaust Jacket on New. 267	Fuel Tax Protests Flood Congress. 738 Fuel War, Tribute for Charity in Kansas City 382 Garages Gain Separator Case. 25 Gasoline, Congress May Tax. 60 Gasoline Peril, New York Fire Marshal Develops Gasoline Storage Near Residence a Nuisance. 381
Taconia, Stutz and Maxwell Star at	Low's High Compression Motor. 45: Metal, Spraying, Schoop Method of . 721 Motor Design Features of Single-Valve Gnome 310 Motor, Low 453 Motor, What Speed of, to Give Maximums for Weight 490 Motors with Steel Cylinders 223 Electric Vehicles in European Countries 44 Nuts and Bolts, Sightly Device for 132 Parabolic Reflectors in Lamps 366 Power of Motors Break-Tested without Dismounting 680 Power Testing Apparatus 898 Renault 8-Cylinder Motor, Camshaft for Power,	Gasoline Tax to Yield \$20,000.000 Yearly. 513 Grossman Gets Injunction in Patent Suit. 867 Grossman Pays 100 Cents on the Dollar. 235 Hand Horn Claim Is Sustained. 954 Hans Motor Equipment Co. Reorganized. 909 Hassler Co., 2 Petitions for. 1182 Havers Co., Custodian for. 869 Hawkins Cyclecar Co. in Trouble. 1092 Haynes Asks Retrial of Agent Suit. 999 Hazeltine Valve Grinder Patent Upheld. 25 Headlight Rule Invalid in Milwaukee. 914 Hess-Bright Wins Bearing Suit Appeal. 691 Hess-Bright Wins Bearing Suit Appeal. 734 Hexter Truck Makers Assign. 1180
EDITORIALS	Using in	Indiana to Quash Invalid Ordinances
Body Comforts         1040           Demonstrations         776           Eight Cylinders         376           Electric, the \$500         776           Ethics of Attack         1128           Factory Destruction         906           Fewer Roadsters         862	Rubber, Synthetic, Unsettles Market	Kentucky Co.'s 1.5-Ton Truck. 947 Klaxon vs. Newtone Dealer. 140 Klaxon Co. Sues Sparton Dealer 288 Krit Co.'s File Petition. 1280 Licenses in California, Half Rate for 1914. 335 Licenses, Kentucky Refuses to Issue 1135 Long Patent, Long vs. Stewart-Warner Speed. Corp 999

### THE AUTOMOBILE

	material part of the part of t
Lovell-McConnell, Final Stages in Horn Controversy 908 Lozier Assets \$4,912,717.97. 780 Lozier Co. Charged with Insolvency 605 Lozier Declared Bankrupt. 1092 Lozier Reorganization Is Probable. 644 Lozier Co. Fights Insolvency Charge. 1002 Marion, Handley Buys, to Reorganize Company 909 Marion Sale, Asks Receivership to Prevent. 692 Massachusetts Uniform Law, to Protest. 867 Master Vibrators, Royalty of 50 Cents on. 288 McDuffee Contract Suit, Compromise in. 334 Metzger Sues U. S. Motor Directors. 998 Michigan Buggy Claims of \$50,000 Cancelled. 690 Michigan Buggy, Hays Buys for \$45,000. 381 Michigan Law for All States, Advocate. 777 Motometer Wins Appeal in Patent Suit. 1181 Municipality Not Liable in Milwaukee. 914 National Carbon, Preliminary Injunction for. 192 Newton Co, Wins Right to Defend Its Dealers 334 Newton Maker Is Defendant with Dealer. 288 New Traffic Plan. 285 New Traffic Plan. 285 New Traffic Rules in Washington. 290 Norwalk Agency Claims Territory Invasion. 288 Ohio City Cars Must Be Registered. 189 Ohio, Half Fees for Owners Alone in. 472 Oldfield Bill Again Menaces Inventors. 73 Oldfield Patents Bill Delayed. 381 Omaha, 12 Miles an Hour Maximum Speed in. 1179 Overland to Retire \$250,000 Preferred Stock. 335 Overman Tire Co. Formed, New. 1092 Packard Patent Has Broad Claims, New. 193 Pennsylvania Creamery Haulage Line Must Pay Delaware License? 39 Pennsylvanians Want State Road Tax. 1087 Piel vs. Stewart-Warner. 999 Piel vs. Stewart-Warner Preliminary Injune. tion Denied. 182	Taxi Stands, Detroit Police May Regulate. 604 Traffic Rules in Washington, New, Aug. 10. 243 Truck Demonstration Tax Protest. 140 Twitchell Gauge Case, Injunction in. 241 Uniform Automobile Laws in N. J. 556 Unmanageable Car Does Not Make Person Criminally Responsible . 240 U. S. L. Committee Has 55 Per Cent. of Preferred
Piggens Truck Co. to Reorganize 738	MISCELLANEOUS
Pope Can Sell Personal Property of Company 238 Pope Co., Approve \$1,641,382 Against. 424 Pope Co., Hearing Against. 605 Pope Plants, Court Advises Separate Sale for 98 Pope, 10 Per Cent. Creditors' Dividend. 559 Premier Assets \$307,376.50. 1092 Premier, Receiver Appointed. 780 Prest-O-Lite Wins Patent Litigation. 1282 R.C.H and Hupp-Yeats Assets Bring \$100,000 240 R.C.H Creditors Get Another Dividend. 908 Reckless Driving, Sensible Methods of Suppressing. 672 Red Cross Emblem, Prosecute Doctors for Using	Ambulance Corps Dispatched to Front. 1166 American Motor Vehicles for Belligerents. 938 Armored Cars for U. S. Army. 688 Armored Cars for U. S. Army. 688 Armored Cars for U. S. Army. 1136 Australasian Trade Has Been Growing. 442 Australasian Trade Has Been Growing. 442 Australasian Trade Has Been Growing. 442 Australasian Trade Development Abroad. 72 Ball Bearings in Customs Auction. 141 Banks for South America, U. S. 441 Body, Convertible, Wide Doors in New Spring-field 313 Body, Convertible Design for Runabouts. 718 Body, Doble Steam Roadster. 553 Body, Locomobile 1113 Body, National Coupé and Cabriolet. 943 Body, Springfield Convertible with Permanent Top 942 Body, Two-Door Sedan with Separate Front Seats 978 Bodies for 1915. 1190 Bodies, Coupé for Runabout Use. 1190 Bodies, Coupé for Runabout Use. 1190 Bods, Convertible Sefficiency. 880 Gcall of Mars. 1190 Bodies for Belian Firms to Make 36,000 Cars in 1915 Candana-American Firms to Make 36,000 Cars in 1915 Chicago Garage Storage Charges Unprofitable. 977 Chamburated The Storage Charges Unprofitable. 977 Chamburated The Storage Charges Unprofit
Taxicab Stand Fight, N. Y. City Wins 647	France's Auto Industry Under Army Control. 477

Freight Must Be Paid for Blocking
Garage, Des Moines, Adds to Appearance of
Gasoline Prices Are Tumbling
Germany's Elaborate Statistics
German Motor Exports Shrunk Before War 378
Goodrich Pay Car Has Satety Bulletin 204
Goodyear, 200 Family Homes Completed1127
Hupmobile Sedan and Coupé Tops
import, N. Y., for August, 74 Cars 635
1913 731
1913
Insurance, Underwriters Not to Write 100
Mars, the Call of
Mars, the Call of
tion in
New England a Factor in History of Racing 108
New South Wales Exports 43 Per Cent.
New York's Tercentenary Pageant
Owego Cyclecar Plant
Packard Motor Truck Sales in 4 Months,
\$825,394
Price Classification of 1915 Cars
Review Contests, 19141148
Review S A F
Packard Motor Truck Sales in 4 Months, \$825,394         315           Painting and Varnishing of Car, Autumn         758           Price Classification of 1915 Cars         1215           Review Contests, 1914         1148           Review of the Year         1143           Review S. A. E.         1148           Russia—An Opportunity         545, 401, 44           Russian Imports Gain \$184,000         931           Saving 7 Per Cent. of Truck's Time         890           School in Honduras, National Auto         419           Skidding, How Weight Distribution Affects         201           Sleeping Car, Makes National a         275           South America, Branch Banks for         799
Russian Imports Gain \$184,000
School in Honduras, National Auto
Skidding, How Weight Distribution Affects 201
South America, Branch Banks for
South America the Golden Oportunity 348
South America, Branch Banks for
South American Trade, to Develon
South America Turns to United States 440
South America, U. S. Banks for
Increase South American Trade, to Develop. 756 South America Turns to United States. 440 South America, U. S. Banks for 441 South America, U. S. Banks for 441 South America, U. S. Banks Needed in 710 Tax Gasoline—Tax Coal, Oats 609 Terminal City 249 Tires Proposed for Street Cars 575 Top and Upholstery Often Neglected 1024 Trade Opportunities Abroad 902 Truck's Time, Saving 7 Per Cent 68 United States Has 1,735,360 Cars 297 United States Has 1,735,360 Cars 787 Used-Car Prices, Standardize 438 War, Automobile as Valuable as Railroad in 529 War, Cars and Trucks on the Firing Line 923 War, Erench Factories Suffer in 884 War, French Factories Suffer in 884 War, French Industry Is Under Regime 750 War Golden for the German Industry 696 War, Greece to Purchase 300 Trucks 601 War, Hupmobile Man Sees Fall of Antwerp 922 War, Motor Fortune Wheel in 831 War, 90 Per Cent 67 War Premium, 15 Makers Get 493 War, Scenes Near Paris 598 War Should Increase Automobile Exports 598 War Should Increase Automobile Exports 348 War Should Increase Automobile Exports 348 War Stagnates European Trade 348
Terminal City
Top and Upholstery Often Neglected 1024
Trade Opportunities Abroad 902
Truck's Time, Saving 7 Per Cent. of 890
United States Has 1,735,369 Cars
Used-Car Prices, Standardize
War, Cars and Trucks on the Firing Line. 923
War, Belgian Frontier, on the 965
War, French Industry Is Under Pegine 701
War, French Regulations Grow Stricter 750
War Golden for the German Industry 696
War, Hupmobile Man Sees Fall of Antwern 922
War, Minerva Works Near Antwerp Destroyed 737
War, Motor Fortune Wheel in
Cross Work 737
War Premium, 15 Makers Get
War, Scenes Near Paris
War Should Increase Automobile Exports 465
War Stagnates European Trade
War, Tire Factory, German, Closed by Order
of France 924
Westward, Why Industry Flocks
War Stagnates European Trade
Year Keview1143
ROSTRUM
Abbott Gearing 3.5 to 1
Acetylene Welding, Information On 764
A. C. Rectifier Makers, List of
Aluminum a Good Piston Material 717
American Co. Entered One Race
Ammeter, How to Install Onc
Annular Bearings, Why Spacers Are Used in. 308

NOSTROM
Abbott Gearing 3.5 to 1
Acetylene, Quantity of, to Drive Ford 805
Acetylene Welding, Information On 764
Acidity, Determine with Hydrometer 446
A. C. Rectifier Makers, List of
Aluminum a Good Piston Material 713
Aluminum, How to Solder
American Co. Entered One Race 263
Ammeter, How to Install One
Annular Bearings, Why Spacers Are Used in 308
Anti-freezing Mixtures 716
Anti-freezing Solutions, Hydrometer for 1163
Armature to Pistons, Relative Positions of 362
Axle, Front, How to Straighten
Automobile, Origin of the Name80
Back Pressure, Wind Resistance to Reduce 980
Batteries, Caring for in Winter
Battery Under Floor Boards, Place 308 Beach Records, Information on
Beach Records, Information on
Bearings, Connecting Rod, Directions for Ad-
justing Main and111
Bethlehem to Boston Route 8
Bergdoll Motors, Manufacturer of 44
Body, Hunting with Bed
Body, 7-Passenger for a Five
Body Squeaks, Leather Strips Prevent 80
Boiling Gasoline Makes Motor Miss 3
Brakes, Advantages of Dual Expanding 80
Breaker Points Too Near 48
Bus Bodies Made by Body Makers 20
Buick C 37, Information 36

Buick Model 21, Questions	Lamps Out of Focus	Tread, Recommends Extra
Ladillac Eight, Firing Order of 934	Lancia, Installing Spark Advance on 448	Truck Loaded, Should Ride Better
Cadillac Eight, Piping on	Limousine Design	Two-Cycle Motor, Champions 8
Cadillac, Information on 1910	Los Angeles to Chicago	Two-Cycle Motors Favored in Large Installa-
Cantilever Spring Much Heavier 935	Magneto Construction, Details of 32	Two-Cycle Motor More Flexible
Cantilevers, Wants to Install	Magneto Rotation, How to Change 896	Two Gears Shift at Once 17
Carbon Remover, Water as	Magneto Timing for Racing Cars	Two-Stroke Cycle Ideal. 48 Unisparker, How to Install. 36
Carbon, Will Water Remove? 847	Marmon 48 Weighs 4880	valve Action, Wants Quieter
Carbureter, Causes Missing 489	Master Vibrator, How to Wire 671	valve Caps Are Stuck
Carbureter, Should Use 1-Inch	Matheson Steering, How to Adjust. 805 Maxwell Gear Slips Out, Why 263 Maxwell Racing Crank-Shaft. 547	Valves Carbonize Very Quickly
Car Motor in Boat, Wants to Use 580	Maxwell Racing Crank-Shaft547	Valve Diameters of Large Cars
Car Track vs. Cables for Economy 894	Meters, Electric to Hupp, Attachment of	Valve Operation of Motor. 40
Casings, Information on Extra	Miles Per Hour How to Calculate 802	Varuish, Medium Lemperature Rest for 116
Celluloid, How to Patch	Missing Caused by Dirt or Cold	Vise, Holding Delicate Parts in
Chicago to Florida1165	Mitchell Six Motor Information	Weights of Various Cars, Net
Circulation Stopped, Motor Heats	Mixture, Rich, Causes Leakage	Welding and Brazing Information111
Clutch Facing, Recommends Fabric	Motor, Double-acting, Complicated	White Steamer Boiler Clogged
Clutch, Steel Disk, Coefficient .07 804	Motor Fires Irregularly	The state of the s
Clutch, Suggests Hydraulic for Smooth Start-	Motor, 4-Cylinder V Block, Explanation of 362 Motor, 4x5, for 2,800-Pound Car 935	-
ing	Motor Gets Too Much Oil 261	shows
Compression Objectionable for Racer 980	Motor, Heavy Car Requires 1078	
Cone Clutch Facing, How to Apply	Motor, High-Compression, More Powerful 803 Motor, I and T-Head, Relative Power of 489	Accessory Exhibitors at N. Y. and Chicago
Cord Tires Take Less Power	Votor Knocking Descent for 502	Shows
Combustion, Chemistry of	Motor, Long Idle, Balks	Boston Electric Show Opens with 10 Evhibits 26
Crank with Throttle Nearly Closed 409 Cyclecar Still Future Means of Transportation. 1076	Motor, Long-Stroke Two-Cycle	Boston, no Separate Truck Show at
Cylinder Should Not Leak 408	Motor Overheats: Water Boils Away 845	Boston's Electric Salon Success
Cylinders Worn, Cause Smoking	Motor Speeds at 10 M.P.H1115	Boston, 24 Small Cars at
Delivery Wagons Suggests Making Old		Canada Exposition Rig Interest in Cars at 60
Delivery Wagons, Suggests Making Old Limousines Into	Motor, 2-Cycle, Favored in Large Installations 360	
Diffierential Gears Hum on Turns 363	Motor, 2-Cycle, European Tendency Toward. 934 Motor, 2-Cycle, Favored in Large Installations 360 Motor, 2-Cycle, Thinks Are Passé	Electric Show, N. Y., 8 Electric Makers at 73
Differential Locks Cannot Be Attached 934 Dirt Causes Miss at High Speeds 895	Motors Block Cast, 80 Per Cent. of	Electrical Show, N. Y. Sales Good at 77
Driving on Left, Depreciates	Motor, 2, 4 and 6	Importers' Salon Jan. 2-9
Driving on Left, Depreciates	Motor, 2, 4 and 6	Columbus Fair, Dealers Wroth at Conditions. 51 Electric Show, N. Y., 8 Electric Makers at. 73 Electrical Show, N. Y. Sales Good at. 77 Importers' Salon Jan. 2-9 96 Indiana Fair, Tented Motor Show at. 14 Louisville Midsummer Show 15 000 oc.
Torque Tube	Motor, V Six-Cylinder, Why Not a	
Edison Storage Rattery Lighter	Motor Without Cooling	Mauison Show Has 50 Models 87
Electric Car Speed Changes. 363 Electric Furnace, Operation of 1027 Engine, Advocates Running of Over 1,500 R.P.M. 670	Motor Without Cooling	Motor Show at Indiana State Fair
Electric Furnace, Uperation of Over 1.500	Muffler Cutout Does Not Favor 178	Space
R.P.M 670	Muffler Cutout Condemned. 85 Muffler Cutout Condemned. 85 Muffler Cutout, Does Not Favor. 128 New York Dealers' Licenses \$15. 179 Oakland Ignition, Explanation of 362 Oil Trouble Caused by Wear. 309	Non-members apply for N. Y. Show Space 78
Engine Design, McIntosh on	Oakland Ignition, Explanation of 362	Panama-Pacific West's First Big Show. 86
Engine, Most Powerful		Paris Show, Floor Space for U. S. at 2
Engineer, Wants to Be 546	Overheating Caused by Soot	Program for N V Sham Worth
Fan Flywheel Requires Small Clutch1029 Fiat of Italy Makes 2 Fours	Overheating Caused by Soot. 714 Overheating, New Explanation of 546	Non-members apply for N. Y. Show Space 78 Olympia Show Abandoned 60 Panama-Pacific West's First Big Show 86 Paris Show, Floor Space for U. S. at 2 Pittsburgh, 175 Cars at 78 Program for N. Y. Show Week 26 St. Louis Show 46 Cars to be Shown in 60 Truck Wakers to Meet at Shows 61
Figt of Italy Makes Z Pours	Overnearing, Remedy for	Tends Makes to Most at Change
Fire Comes from Cut-out	Pacific Coast Tourists' Routes 1079	Truck Makers to Meet at Shows 91
Fire Comes from Cut-out	Pacific Coast Tourists' Routes	Truck Makers to Meet at Snows
Fire Comes from Cut-out	Paint Brass Black, Saving Polish	— Shows
Fire Comes from Cut-out	Paint Brass Black, Saving Polish 179 Paper Covers, Where to Buy 980 Parabolic Reflectors, How Made 894	TECHNICAL
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715	Paint Brass Black, Saving Polish 179 Paper Covers, Where to Buy 980 Parabolic Reflectors, How Made 894	TECHNICAL
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford Headlights.     109       Ford Headlights.     100	Paint Brass Black, Saving Polish 179 Paper Covers, Where to Buy 980 Parabolic Reflectors, How Made 894	TECHNICAL Aluminum in Piston 90%
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford How to Time a.     179       Ford Jerks—Bands Worn.     1163	Paint Brass Black, Saving Polish 179 Paper Covers, Where to Buy 980 Parabolic Reflectors, How Made 894	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford Hoadlights, How to Wire.     936       Ford, How to Time a.     129       Ford Jerks—Bands Worn.     1163       Ford Magnets, Buy New Set.     847	Paint Brass Black, Saving Polish 179 Paper Covers, Where to Buy 980 Parabolic Reflectors, How Made 894	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford Hoadlights, How to Wire.     936       Ford, How to Time a.     129       Ford Jerks—Bands Worn.     1163       Ford Magnets, Buy New Set.     847	Paint Brass Black, Saving Polish 179 Paper Covers, Where to Buy 980 Parabolic Reflectors, How Made 894	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford Hoadlights, How to Wire.     936       Ford, How to Time a.     129       Ford Jerks—Bands Worn.     1163       Ford Magnets, Buy New Set.     847	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 388 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford Hoadlights, How to Wire.     936       Ford, How to Time a.     129       Ford Jerks—Bands Worn.     1163       Ford Magnets, Buy New Set.     847	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard 230 Rayfield, How to Adiust 306	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.     1078       Fireless Cooker for Seat.     230       First Automobile, Maker of.     487       Flywheels, How Fastened.     802       Flywheel Weight, Formula.     716       Ford Electric Lights, to Wire.     715       Ford Hoadlights, How to Wire.     936       Ford, How to Time a.     129       Ford Jerks—Bands Worn.     1163       Ford Magnets, Buy New Set.     847	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard 230 Rayfield, How to Adiust 306	Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         1162           Formula Should Consider Stroke.         580           Ford Magneto, Wring Lights to.         30           Ford Racer, How to Build.         406           Ford Racing Body.         763	Paint Brass Black, Saving Polish.         179           Paper Covers, Where to Buy.         980           Parabolic Reflectors, How Made         894           Picric Acid Increases Power         629           Pierce-Arrow Cars, Weights of         308           Piston Displacement, Definition of         87           Power, Where It Is Lost in Automobiles         844           Pump Cups, Water Leaks From         231           Racing Motor, Wants to Buy.         983           Radiator Construction, 3 Types of         1027           Radiator Design Data, Wants         980           Radius Rods for Simplicity, Discard         230           Rayfield, How to Adjust         306           Reading to Butler         547           Regrinding Cylinders, Information on         260           Road Turns Marked with Lor R         231	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         936           Ford Headlights, How to Wire.         936           Ford, How to Time a.         179           Ford Jerks—Bands Worn         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Questions on.         1116           Ford Vibrators, Reasons for.         1162           Formula Should Consider Stroke         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build         406           Ford Racing Body.         763           Free-for-Alls in 1913, No.         580	Paint Brass Black, Saving Polish.         179           Paper Covers, Where to Buy.         980           Parabolic Reflectors, How Made         894           Picric Acid Increases Power         629           Pierce-Arrow Cars, Weights of         308           Piston Displacement, Definition of         87           Power, Where It Is Lost in Automobiles         844           Pump Cups, Water Leaks From         231           Racing Motor, Wants to Buy.         983           Radiator Construction, 3 Types of         1027           Radiator Design Data, Wants         980           Radius Rods for Simplicity, Discard         230           Rayfield, How to Adjust         306           Reading to Butler         547           Regrinding Cylinders, Information on         260           Road Turns Marked with Lor R         231	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.       1078         Fireless Cooker for Seat.       230         First Automobile, Maker of.       487         Flywheels, How Fastened.       802         Flywheel Weight, Formula.       716         Ford Electric Lights, to Wire.       936         Ford Headlights, How to Wire.       936         Ford, How to Time a.       179         Ford Jerks—Bands Worn       1163         Ford Magnets, Buy New Set.       847         Ford Magneto—Questions on.       1116         Ford Vibrators, Reasons for.       1162         Ford Magneto, Wiring Lights to.       30         Ford Magneto, Wiring Lights to.       30         Ford Racer, How to Build.       406         Ford Racing Body.       763         Free-for-Alls in 1913, No.       580         Friction Drive, Advantages of.       847         Friction Drive, Suitable for All Cars.       1026	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 388 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with Lor R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of 176	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.       1078         Fireless Cooker for Seat.       230         First Automobile, Maker of.       487         Flywheels, How Fastened.       802         Flywheel Weight, Formula.       716         Ford Electric Lights, to Wire.       936         Ford Headlights, How to Wire.       936         Ford, How to Time a.       179         Ford Jerks—Bands Worn       1163         Ford Magnets, Buy New Set.       847         Ford Magneto—Questions on.       1116         Ford Vibrators, Reasons for.       1162         Ford Magneto, Wiring Lights to.       30         Ford Magneto, Wiring Lights to.       30         Ford Racer, How to Build.       406         Ford Racing Body.       763         Free-for-Alls in 1913, No.       580         Friction Drive, Advantages of       847         Friction Drive, Suitable for All Cars.       1026	Paint Brass Black, Saving Polish.         179           Paper Covers, Where to Buy.         980           Parabolic Reflectors, How Made.         894           Picric Acid Increases Power.         629           Pierce-Arrow Cars, Weights of.         308           Piston Displacement, Definition of.         87           Power, Where It Is Lost in Automobiles.         844           Pump Cups, Water Leaks From.         231           Racing Motor, Wants to Buy.         983           Radiator Construction, 3 Types of.         1027           Radius Rods for Simplicity, Discard.         230           Rayfield, How to Adjust.         306           Reading to Butter.         547           Regrinding Cylinders, Information on.         260           Road Turns Marked with L or R.         231           Rod, to Locate a Loose Push.         581           Rotary Valve, Timing of.         671           Semi-Floeting Axle, Pierce Prefers.         176           Sheet Metal, to Cut in a Vise.         449	Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         1162           Formula Should Consider Stroke.         580           Ford Magneto, Wring Lights to.         30           Ford Racer, How to Build.         406           Ford Racing Body.         763           Free-for-Alls in 1913, No.         580           Friction Drive, Advantages of.         847           Friction Drive Suitable for All Cars.         1026           Front Wheel Brakes, Construction of         262           Garage Construction, Concrete for.         715	Paint Brass Black, Saving Polish.         179           Paper Covers, Where to Buy.         980           Parabolic Reflectors, How Made.         894           Picric Acid Increases Power.         629           Pierce-Arrow Cars, Weights of.         308           Piston Displacement, Definition of.         87           Power, Where It Is Lost in Automobiles.         844           Pump Cups, Water Leaks From.         231           Racing Motor, Wants to Buy.         983           Radiator Construction, 3 Types of.         1022           Radiator Design Data, Wants.         980           Radius Rods for Simplicity, Discard.         230           Rayfield, How to Adjust.         306           Reading to Butter.         547           Regrinding Cylinders, Information on.         260           Road Turns Marked with L or R.         231           Rod, to Locate a Loose Push.         581           Rotary Valve, Timing of.         671           Semi-Floeting Axle, Pierce Prefers.         176           Sheet Metal, to Cut in a Vise.         449           Shoes, New Use for Old         486	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racing Body.         763           Free-for-Alls in 1913, No.         580           Free-for-Alls in 1913, No.         580           Friction Drive, Advantages of.         84           Friction Drive Suitable for All Cars.         1026           Garage Construction, Concrete for.         715           Garage Gonstruction, Concrete for.         715           Garage Gonstruction, Concrete for.         71	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles. 844 Pump Cups, Water Leaks From. 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of 671 Semi-Flosting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. Six Cylinder Torque, 762	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racing Body.         763           Free-for-Alls in 1913, No.         580           Free-for-Alls in 1913, No.         580           Friction Drive, Advantages of.         84           Friction Drive Suitable for All Cars.         1026           Garage Construction, Concrete for.         715           Garage Gonstruction, Concrete for.         715           Garage Gonstruction, Concrete for.         71	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From. 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Flosting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Cylinder Two-Cycle Gives Smooth Torque. 762	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of. 487 Flywheels, How Fastened. 802 Flywheels, How Fastened. 716 Ford Electric Lights, to Wire. 715 Ford Headlights, How to Wire. 936 Ford, How to Time a 179 Ford Jerks—Bands Worn 163 Ford Magnets, Buy New Set. 847 Ford Magneto—Questions on 1116 Ford Prince Searset Not Invented 983 Ford Vibrators, Reasons for. 162 Formula Should Consider Stroke 580 Ford Wagneto, Wiring Lights to 30 Ford Racer, How to Build 406 Ford-Alls in 1913, No. 580 Friction Drive, Advantages of 847 Frietion Drive Suitable for All Cars 1026 Front Wheel Brakes, Construction of 262 Garage Construction, Concrete for 715 Garages of 15tory, Planned 124 Garage, 1-Story, Design 1077 Garages Will Reduce Rent, Special Small Car 306 Gas Lighter How to Wire 1117	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From. 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Flosting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Cylinder Two-Cycle Gives Smooth Torque. 762	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of. 487 Flywheels, How Fastened. 802 Flywheels, How Fastened. 716 Ford Electric Lights, to Wire. 715 Ford Headlights, How to Wire. 936 Ford, How to Time a 179 Ford Jerks—Bands Worn 163 Ford Magnets, Buy New Set. 847 Ford Magneto—Questions on 1116 Ford Prince Searset Not Invented 983 Ford Vibrators, Reasons for. 162 Formula Should Consider Stroke 580 Ford Wagneto, Wiring Lights to 30 Ford Racer, How to Build 406 Ford-Alls in 1913, No. 580 Friction Drive, Advantages of 847 Frietion Drive Suitable for All Cars 1026 Front Wheel Brakes, Construction of 262 Garage Construction, Concrete for 715 Garages of 15tory, Planned 124 Garage, 1-Story, Design 1077 Garages Will Reduce Rent, Special Small Car 306 Gas Lighter How to Wire 1117	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From. 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Floating Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Cylinder Two-Cycle Gives Smooth Torque, 781 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racing Body.         763           Free-for-Alls in 1913, No.         580           Free-for-Alls in 1913, No.         580           Front Wheel Brakes, Construction of.         262           Garage Construction, Concrete for.         715           Garage for 20 Cars.         1164           Garage, 2-Story, Design.         107           Gas Lighter, How to Wire.         117	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust 306 Reading to Butter. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push 581 Rotary Valve, Timing of. 671 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Spark Advanced Means Economy 673 Spark Advanced Means Economy 1076	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magnete—Ouestions on         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racer, How to Build.         406           Free-for-Alls in 1913, No.         580           Front Wheel Brakes, Construction of         262           Garage Construction, Concrete for         715           Garage Construction, Concrete for         715	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Picree-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butter. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Spark Advanced Means Economy. 673 Spark Best Position for. 1076 Spark Gaps, Where to Obtain. 179 Spark Gaps, Where to Obtain. 179 Spark Lever Missise to Eliminate	Aluminum in Piston 90%
Fire Comes from Cut-out         1078           Fireless Cooker for Seat         230           First Automobile, Maker of         487           Flywheels, How Fastened         802           Flywheel Weight, Formula         716           Ford Electric Lights, to Wire         715           Ford Blectric Lights, to Wire         936           Ford How to Time a         129           Ford Jerks—Bands Worn         1163           Ford Magneto—Ouestions on         1116           Ford Magneto—Ouestions on         1116           Ford Planetary Gearset Not Invented         983           Ford Vibrators, Reasons for         162           Ford Magneto, Wring Lights to         30           Ford Racer, How to Build         406           Ford Racing Body         763           Free-for-Alls in 1913, No         580           Friction Drive, Advantages of         84           Friction Drive Suitable for All Cars         1026           Front Wheel Brakes, Construction of         262           Garage Construction, Concrete for         715           Garage for 20 Cars         1164           Garage, 2-Story, Design         107           Garages Will Reduce Rent, Special Small Car         306	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Picree-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butter. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Spark Advanced Means Economy. 673 Spark Best Position for. 1076 Spark Gaps, Where to Obtain. 179 Spark Gaps, Where to Obtain. 179 Spark Lever Missise to Eliminate	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racer, How to Build.         406           Free for-Alls in 1913, No.         580           Free for-Alls in 1913, No.         580           Free for-Alls in 1913, No.         580           Front Wheel Brakes, Construction of         262           Garage Construction, Concrete for         715           Garage Construction, Concrete for         715           Garage, 2-Story, Design.         107	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Picree-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butter. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Spark Advanced Means Economy. 673 Spark Best Position for. 1076 Spark Gaps, Where to Obtain. 179 Spark Gaps, Where to Obtain. 179 Spark Lever Missise to Eliminate	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racer, How to Build.         406           Free for-Alls in 1913, No.         580           Free for-Alls in 1913, No.         580           Free for-Alls in 1913, No.         580           Front Wheel Brakes, Construction of         262           Garage Construction, Concrete for         715           Garage Construction, Concrete for         715           Garage, 2-Story, Design.         107	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From. 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Floating Ayle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque. 762 Six Gives Smoother Torque. 1114 Slipping Clutch, Remedy for 581 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673 Spark Jest Position for 1076 Spark Plug Pump All Right. 489 Spark Plug Pump All Right. 480 Spark Plug Pump All Right. 480 Spark Plug Pump All Right. 480 Spark Retarded May Heat Motor. 87 Spaulk Bot Pass Robert 180 Spark Retarded May Heat Motor. 87 Spaulk Insert Pass Robert 180 Spark Retarded May Heat Motor. 87 Spaulking Car Has Bed. 804	Aluminum in Piston 90%
Fire Comes from Cut-out.         1078           Fireless Cooker for Seat.         230           First Automobile, Maker of.         487           Flywheels, How Fastened.         802           Flywheel Weight, Formula.         716           Ford Electric Lights, to Wire.         715           Ford Electric Lights, to Wire.         936           Ford How to Time a.         179           Ford Jerks—Bands Worn.         1163           Ford Magnets, Buy New Set.         847           Ford Magneto—Ouestions on.         1116           Ford Planetary Gearset Not Invented.         983           Ford Vibrators, Reasons for.         162           Formula Should Consider Stroke.         580           Ford Magneto, Wiring Lights to.         30           Ford Racer, How to Build.         406           Ford Racer, How to Build.         406           Free for-Alls in 1913, No.         580           Free for-Alls in 1913, No.         580           Free for-Alls in 1913, No.         580           Front Wheel Brakes, Construction of         262           Garage Construction, Concrete for         715           Garage Construction, Concrete for         715           Garage, 2-Story, Design.         107	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Picree-Arrow Cars, Weights of. 308 Piston Displacement, Definition of. 87 Power, Where It Is Lost in Automobiles. 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of. 1027 Radiator Design Data, Wants. 986 Radiator Bosign Data, Wants. 986 Radiator Sign Data, Wants. 986 Radiator Gonstruction, 3 Types of. 1027 Radiator Design Data, Wants. 986 Radiator Robert Sign Data, Wants. 986 Radiator Construction, 3 Types of. 1027 Radiator Design Data, Wants. 986 Radiator Design Data, Wants. 986 Radiator Construction, 3 Types of. 1027 Radiator Design Data, Wants. 987 Radiator Design Data, Wants. 987 Radiator Locate a Loose Push. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Flosting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for. 581 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673 Spark Gaps, Where to Obtain. 179 Spark-Lever, Reasons for Advancing. 1162 Spark Retarded May Heat Motor. 87 Spaulding Car Has Bed. 804 Specifications of Medium-Priced Cars. 715	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of . 487 Flywheels, How Fastened. 802 Flywheel Weight, Formula. 716 Ford Electric Lights, to Wire . 715 Ford Headlights, How to Wire . 936 Ford, How to Time a . 179 Ford Jerks—Bands Worn . 1163 Ford Magnets, Buy New Set . 847 Ford Magneto—Questions on . 1116 Ford Planetary Gearset Not Invented . 983 Ford Vibrators, Reasons for . 162 Formula Should Consider Stroke . 580 Ford Magneto—Wiring Lights to . 30 Ford Racer, How to Build . 406 Ford Racing Body	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard 230 Rayfield, How to Adjust 306 Reading to Butler. 547 Regrinding Cylinders, Information on 260 Road Turns Marked with L or R 231 Rod, to Locate a Loose Push 581 Rotary Valve, Timing of 671 Semi-Floating Axle, Pierce Prefers 176 Sheet Metal, to Cut in a Vise 449 Shoes, New Use for Old 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Small Powerful Car Wanted 85 Spark Advanced Means Economy 673 Spark Pest Position for 1076 Spark Lever, Reasons for Advancing 1162 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spacifications of Medium-Priced Cars 715 Specifications 61	Aluminum in Piston 90%
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Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of. 487 Flywheels, How Fastened. 802 Flywheel Weight, Formula. 716 Ford Electric Lights, to Wire 715 Ford Headlights, How to Wire 936 Ford, How to Time a 179 Ford Jerks—Bands Worn 1163 Ford Magnets, Buy New Set. 847 Ford Magnets, Buy New Set. 847 Ford Magneto—Questions on 1116 Ford Planetary Gearset Not Invented 983 Ford Vibrators, Reasons for. 162 Formula Should Consider Stroke 580 Ford Magneto, Wiring Lights to 30 Ford Magneto, Wiring Lights to 30 Ford Racer, How to Build 406 Ford Racer, How to Build 406 Ford Racing Body. 763 Free-for-Alls in 1913, No 580 Friction Drive, Advantages of 847 Friction Drive Suitable for All Cars. 1026 Garage Construction, Concrete for 715 Garage, 1-Story, Planned 124 Garage, 2-Story, Design. 107 Gasoline Consumption, Additional Tread 1026 Gasoline Consumption High. 260 Gasoline Consumption Is High 260 Hartford Shock Absorbers, to Attach 85 Heaters, Companies That Make. 629 High Speed Motor, No Data on Life of 263 High Speed Motor, No Data on Life of 263 High Speed Motor, No Data on Life of 263 High Speed Motor Valve Timing 628 Hydrometer, Determine Acidity with 446 Hudson Axle, How to Adjust. 580 Hupp, How to Attach Electrical Meters to 844 Hupp 20, Stripping Down 764 Hudson Axle, How to Adjust 580 Hupp 20, Stripping Down 764 Hudson Axle, How to Adjust 580	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made. 894 Picric Acid Increases Power. 629 Picree-Arrow Cars, Weights of. 308 Piston Displacement, Definition of. 87 Power, Where It Is Lost in Automobiles. 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of. 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butter. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Floeting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for. 581 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673 Spark Gaps, Where to Obtain. 179 Spark-Lever, Reasons for Advancing. 1162 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor. 87 Spaulding Car Has Bed. 804 Spark Retarded May Heat Motor. 87 Spaulding Car Has Bed. 804 Springs, Where to Obtain. 179 Spark-Lever, Reasons for Advancing. 1162 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor. 87 Spaulding Car Has Bed. 804 Specifications of Medium-Priced Cars. 715 Speedometer Gear Makes Noise. 407 Springs, Should Fit New. 980 Springs, Gear, How to Adjust. 966 Streening Gear, Ho	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of . 487 Flywheels, How Fastened. 802 Flywheels, How Fastened. 716 Ford Electric Lights, to Wire . 715 Ford Electric Lights, to Wire . 715 Ford Electric Lights, to Wire . 715 Ford Headlights, How to Wire . 936 Ford, How to Time a . 179 Ford Jerks—Bands Worn . 1163 Ford Magnets, Buy New Set . 847 Ford Magneto—Questions on . 1166 Ford Planetary Gearset Not Invented . 983 Ford Vibrators, Reasons for . 162 Formula Should Consider Stroke . 580 Ford Magneto, Wiring Lights to . 30 Ford Racer, How to Build . 406 Ford Racing Body	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard 230 Rayfield, How to Adjust 306 Reading to Butter. 547 Regrinding Cylinders, Information on 260 Road Turns Marked with L or R 231 Rod, to Locate a Loose Push 581 Rotary Valve, Timing of 671 Semi-Floating Axle, Pierce Prefers 176 Sheet Metal, to Cut in a Vise 449 Shoes, New Use for Old 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Small Powerful Car Wanted 85 Spark Advanced Means Economy 673 Spark Pest Position for 1076 Spark Lever, Reasons for Advancing 1162 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor 87 Spark Retarded May Heat Motor 87 Spark Retarded May Heat Motor 87 Speeds of Various Cars 582 Spokane Road Race, 64-Mile Average 562 Spring Clip, Substitute for Broken 307 Springs, Should Fit New 980 Springs, Where to Buy Strong 715 Standard Speedometer Shaft Revolves 1,680 407 Springs, Should Fit New 980 Springs, Where to Buy Strong 715 Standard Speedometer Shaft Revolves 1,680 407 Starter Gears Noisy 583 Starting on Cold Mornings 1028 Stereing Gear, How to Adjust 546 Stereing Gear	TECHNICAL  Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of. 487 Flywheels, How Fastened. 802 Flywheel Weight, Formula. 716 Ford Electric Lights, to Wire 715 Ford Headlights, How to Wire 936 Ford, How to Time a 179 Ford Jerks—Bands Worn 1163 Ford Magnets, Buy New Set. 847 Ford Magnets, Buy New Set. 847 Ford Magneto—Questions on 1116 Ford Planetary Gearset Not Invented 983 Ford Vibrators, Reasons for. 162 Formula Should Consider Stroke 580 Ford Magneto, Wiring Lights to 30 Ford Magneto, Wiring Lights to 30 Ford Racer, How to Build 406 Ford Racer, How to Build 406 Ford Racing Body. 763 Free-for-Alls in 1913, No 580 Friction Drive, Advantages of 847 Friction Drive Suitable for All Cars. 1026 Garage Construction, Concrete for 715 Garage, 1-Story, Planned 124 Garage, 2-Story, Design. 1077 Garages Will Reduce Rent, Special Small Car 306 Gas Lighter, How to Wire. 1117 Gasoline Consumption High. 260 Gasoline Consumption Is High 260 Hartford Shock Absorbers, to Attach 85 Heaters, Companies That Make. 629 High Speed Motors, Questions On 1117 Horsepower Formula for Long-stroke Motors 407 Hortchkiss Motor Valve Timing. 628 High Speed Motors, Questions On 1117 Horsepower Formula for Long-stroke Motors 407 Hotchkiss Motor Valve Timing. 628 High Speed Motors, Ouestions On 1117 Horsepower Formula for Long-stroke Motors 407 Hotchkiss Motor Valve Timing. 628 High Speed Motors, Ouestions On 1117 Horsepower Formula for Long-stroke Motors 407 Hotchkiss Motor Valve Timing. 628 High Speed	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Flozting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque. 1114 Slipping Clutch, Remedy for 581 Spark Advanced Means Economy. 673 Spark, Pest Position for. 1076 Spark Caps, Where to Obtain. 179 Spark Clever Misuse, to Eliminate. 626 Spark Lever, Reasons for Advancing. 1162 Spark Lever, Reasons for Advancing. 1162 Spark Lever, Reasons for Advancing. 1162 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor. 87 Sparklad Rease Gear Makes Noise. 407 Speeds of Various Cars. 582 Spokane Road Race, 64-Mile Average. 562 Spring Clip, Substitute for Broken. 307 Springs, Should Fit New. 980 Springs, Should Fit New. 980 Springs, Should Fit New. 980 Springs, Where to Buy Strong. 715 Standard Speedometer Shaft Revolves 1,680 Steering Gear, How to Adjust. 260 Steering Gear, How to Adjust. 364 Strokes, Comparison of Long and Short. 582 Studebaker, Wiring Diagram of . 765 Taximeter Works, How. 346 Trie Diameter. Effect on Differential. 407	Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of . 487 Flywheels, How Fastened. 802 Flywheels, How Fastened. 716 Ford Electric Lights, to Wire. 715 Ford Electric Lights, to Wire. 715 Ford Electric Lights, to Wire. 936 Ford, How to Time a . 179 Ford Jerks—Bands Worn . 1163 Ford Magnets, Buy New Set. 847 Ford Magnets—Questions on . 1116 Ford Magneto—Questions on . 1163 Ford Magneto—Questions on . 1165 Ford Vibrators, Reasons for . 162 Formula Should Consider Stroke 580 Ford Magneto, Wiring Lights to 30 Ford Racer, How to Build. 406 Ford Racing Body. 763 Free-for-Alls in 1913, No. 580 Friction Drive, Advantages of 847 Friction Drive Suitable for All Cars. 1026 Garage Construction, Concrete for 715 Garage Construction, Concrete for 715 Garage, 1-Story, Planned. 124 Garage, 1-Story, Design. 107 Gasoline Consumption High. 547 Gasoline Consumption Is High 488 Gasoline Consumption	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Floeting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673 Spark, Best Position for. 1076 Spark Gaps, Where to Obtain. 179 Spark-Lever Misuse, to Eliminate. 626 Spark Rug Pump All Right. 489 Spark Retarded May Heat Motor. 87 Spark Retarded	Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of. 487 Flywheels, How Fastened. 802 Flywheel Weight, Formula. 716 Ford Electric Lights, to Wire. 715 Ford Headlights, How to Wire. 936 Ford, How to Time a. 179 Ford Jerks—Bands Worn. 1163 Ford Magnets, Buy New Set. 847 Ford Magnets—Questions on. 1116 Ford Planetary Gearset Not Invented. 983 Ford Vibrators, Reasons for. 162 Formula Should Consider Stroke. 580 Ford Wagneto, Wiring Lights to. 30 Ford Racer, How to Build. 406 Ford Racer, How to Build. 406 Ford Racing Body. 763 Free-for-Alls in 1913, No. 580 Friction Drive, Advantages of. 847 Friction Drive Suitable for All Cars. 1026 Garage Construction, Concrete for 715 Garage, 1-Story, Planned. 124 Garage, 2-Story, Design. 1077 Garages Will Reduce Rent, Special Small Car. 306 Gas Lighter, How to Wire. 1117 Gasoline Consumption High. 260 Gasoline Consumption Is High. 260 Gasoline Consumption Is High. 260 Gasoline Consumption Is High. 488 Gear Ratios of Racers. 263 Graphite with Oil, How to Mix. 1078 Garayel, Simple Method of Spreading. 306 Hartford Shock Absorbers, to Attach. 85 Graphite with Oil, How to Mix. 1078 Gravel, Simple Method of Spreading. 306 Hartford Shock Absorbers, to Attach. 85 Heaters, Companies That Make. 629 High Speed Motors, Questions On. 1117 Horsepower of Two and Four Cycle. 1116 Horsepower Formula for Long-stroke Motors 407 Hotchkiss Motor Valve Timing. 628 High Speed Motors, Questions On. 1117 Horsepower of Two and Four Cycle. 1116 Horsepower Formula for Long-stroke Motors 407 Hydrometer, Determine Acidity with. 446 Hudson Axle, How to Adjust. 581 Hupp, How to Attach Electrical Meters to 844 Hydrometer, Determine Acidity with. 446 Hudson Axle, How to Adjust. 581 Hinpins to Texas. 580 Insulaments, No Companies Selling on. 361 Insurance, Determination of Car's Age for. 307 Iowan Builds Unique Car. 802 Illinois to Texas. 580	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust 306 Reading to Butter. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Floating Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque. 762 Six Gives Smoother Torque. 1114 Slipping Clutch, Remedy for 581 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673 Spark Gaps, Where to Obtain. 179 Spark Clever Misuse, to Eliminate. 626 Spark Lever, Reasons for Advancing. 1162 Spark Lever, Reasons for Advancing. 1162 Spark Lever, Reasons for Advancing. 1162 Spark Plug Pump All Right. 489 Spark Retarded May Heat Motor. 87 Sparkolding Car Has Bed. 804 Specifications of Medium-Priced Cars. 715 Specifonerions of Medium-Priced Cars. 715 Specifications of Medium-Priced Cars. 715 Standard Speciometer Gear Makes Noise. 407 Specifications of Medium-Priced Cars. 715 Standard Speciometer Fahaft Revolves 1,680, 407 Springs, Should Fit New. 980 Springs, Where to Buy Strong. 715 Standard Speciometer Fahaft Revolves 1,680, 407 Starter Gears Noisy. 583 Starting on Cold Mornings. 1028 Steering Gear, How to Adjust. 546 Steering Gear, How to Adjust. 546 Steering Gear, How to Adjust. 546 Streamline Car  685 Streamline Car  686 Streamline Car  686 Streamline Car  686 Streamline Car  765 Taximeter Works, How. 786 Tire Pressure, Weight of Car, Increases. 86 Tire Pre	Aluminum in Piston 90%
Fire Comes from Cut-out. 1078 Fireless Cooker for Seat. 230 First Automobile, Maker of . 487 Flywheels, How Fastened. 802 Flywheels, How Fastened. 716 Ford Electric Lights, to Wire. 715 Ford Electric Lights, to Wire. 715 Ford Electric Lights, to Wire. 936 Ford, How to Time a . 179 Ford Jerks—Bands Worn . 1163 Ford Magnets, Buy New Set. 847 Ford Magnets—Questions on . 1116 Ford Magneto—Questions on . 1163 Ford Magneto—Questions on . 1165 Ford Vibrators, Reasons for . 162 Formula Should Consider Stroke 580 Ford Magneto, Wiring Lights to 30 Ford Racer, How to Build. 406 Ford Racing Body. 763 Free-for-Alls in 1913, No. 580 Friction Drive, Advantages of 847 Friction Drive Suitable for All Cars. 1026 Garage Construction, Concrete for 715 Garage Construction, Concrete for 715 Garage, 1-Story, Planned. 124 Garage, 1-Story, Design. 107 Gasoline Consumption High. 547 Gasoline Consumption Is High 488 Gasoline Consumption	Paint Brass Black, Saving Polish. 179 Paper Covers, Where to Buy. 980 Parabolic Reflectors, How Made 894 Picric Acid Increases Power. 629 Pierce-Arrow Cars, Weights of 308 Piston Displacement, Definition of 87 Power, Where It Is Lost in Automobiles 844 Pump Cups, Water Leaks From 231 Racing Motor, Wants to Buy. 983 Radiator Construction, 3 Types of 1027 Radiator Design Data, Wants. 980 Radius Rods for Simplicity, Discard. 230 Rayfield, How to Adjust. 306 Reading to Butler. 306 Reading to Butler. 547 Regrinding Cylinders, Information on. 260 Road Turns Marked with L or R. 231 Rod, to Locate a Loose Push. 581 Rotary Valve, Timing of. 671 Semi-Floeting Axle, Pierce Prefers. 176 Sheet Metal, to Cut in a Vise. 449 Shoes, New Use for Old. 486 Six as Fast as Four. 895 Six Cylinder Two-Cycle Gives Smooth Torque, 762 Six Gives Smoother Torque 1114 Slipping Clutch, Remedy for 581 Small Powerful Car Wanted. 85 Spark Advanced Means Economy. 673 Spark, Best Position for. 1076 Spark Gaps, Where to Obtain. 179 Spark-Lever Misuse, to Eliminate. 626 Spark Rug Pump All Right. 489 Spark Retarded May Heat Motor. 87 Spark Retarded	Aluminum in Piston 90%

### THE AUTOMOBILE

Light Cars and Cyclecars, Censures Com-	Six
plication of	Spr
Mileage Secured from Old Tires by Inner	Ste
Over-Standardization in Car Design Means	Stu
Plug Location, Rapid Flame Propagation	Str
Poor Lever Arrangement Spoils Brake	Stu
Efficiency	Uni Val
sized Casings	Val
plicity in Design for	Vai Vui Wa
6-Volt vs. 12-Volt	ll We
Efficiency	We
Starting and Lighting Systems, 12-Volt vs. 6-Volt	Wi
Battery Cells for	191
Racing a Battle of Valve Systems—Knight. Reliners Rest for Medium Priced and Undersized Casings	
Tires, Oversize Economical for Trucks and Cars	Bos
	Cyc De
Tires, Thinks Lower Upkeep Offsets Extra Cost of Oversize	Ex
Country Tires, Oversize, Greenwald of Firestone Co. 624 Tires, Thinks Lower Upkeep Offsets Extra Cost of Oversize. 578 Vacuum-Velocity Ratio Not Constant. 1066 Vulcanization, Proper Temperature Is Real Essential in. 358	Kis Lit
Essential in. 358 Wrench, Forged, Efficient and Simple, by Billings 534	Ma I Ne
Wrench, Forged, Efficient and Simple, by Billings	Oh
English Car Development	Sa
Esterline on Non-Glaring Headlights 619 Federal Plant, Curing Newly-Made Tires in 798	Tr
Fekete Compares Six with Eight	Tw Wi Wi
Franklin, 116 Sixes Average 11 M. P. H. on Low Gear	
Low Gear 648 Franklin Shows 84.4 Per Cent. Efficiency 141 Fuel Tests Continue 147 Fuel Test, Speedway Wants 1,000 Mile 958	
Fuel Tests Continue	Ab
Gearset of Geometrical Design Is Best 174 Gearset, Ruetschi	Aj
Gearshift, Vulcan	Al
Accidents of Germany	Al
Grand Prix, French, Motor Design	Ar
Gray & Davis Variable Speed Generator1106 Haynes Six on 100-Mile Low Gear Test1091	Ar
Headlight, Yellow Rays Are Non-Glaring 619 Holley, Byword, Accuracy 166	Ar
Horsepower Formula, Cal. Has New1087 Lead Advantages in Refining Steel364	Ar
Light Car Solves Economy Problem 404	At
Magneto, Bosch	A
Magneto, Eisemann	At
Malleable Castings, How to Weld 575	Bi
Gearset, Ruetschi	Bi
Woof Gand Frix Racers, Their Warp and Strain Gand Gand Gand Gand Gand Gand Gand Gan	Bl
Milling Machine, Portable Electric, for Small Jobs	Be
Motor, Buda, 4 and 6	Be
Motor, Continental High-Speed         464           Motor, Doherty         548           Motor, G. B. & S         674           Motor, Ideal American Six         541           Motor, Macomber         368	Bi
Motor, Ideal American Six	Bi
Motor, Macomber. 368 Motor, Newcombe's Law Applied to 1158 Motor, Pros and Cons of Eight. 568 Motor, Rotary, Bournonville. 1156	Bi
Motor, Pros and Cons of Eight	B <sub>1</sub>
Motor, Stewart	Bi
Motor, Stewart	B
ing	B
North East System for Old Cars	B
Plug Location Has Little Effect	
National Frames, Portable Jig Aids in Drilling 857 Newcombe's Law Applied to Motor 1158 North East System for Old Cars. 726 Passenger Cars for 1915 Listed 1220 Plug Location Has Little Effect 123 Oxy-Acetylene Welding, Directions for 885 Racing Is a Battle of Valve Systems—Knight. 226 Radiator Capacity, Large, Does Not Mean Efficiency 1072	0.0000
Radiator Capacity, Large, Does Not Mean Efficiency	C
Rotary Motor, Bournonville	C
Ruetschi Gearset Keeps Perpetual Mesh 371 Sand Blast Has Variety of Uses 538	C
Seeing Ourselves As Others See Us	CCC
Shock Absorber, Hartford, New	CCC
Simms-Huff Motor Generator.         1266           Six, Id₁al American.         541           Six vs. Eight.         614	C
70 Mgu 014	-

Six vs. 12-Volt Compared to 110 vs. 220-Volt. 625 Spring suspension, improvement 987, 1068, 1274 Stewart Feed Shows 3.4 Miles Gain in Tests. 914 Stewart Fuel Feed More Compact 856 Studebaker Machines Cylinders 759 Studebaker Six Makes 16 Miles Per Gallon 21 Spring, Pneumatic, Gives Varying Resiliency. 454 Stromberg Equipped Jeffery Makes 28.7 M. P. G 823 Studebaker Tests by Dynamometer 740 Truck Springs, Care of 1122 Unisparker, Ford 1161 Valve Timing, Negative Lap Gains in 1267 Valves, Springless, Are Latest Racing Development 206 Vanadium, A Vitalizer of Steel 565 Vulcan Gearshift 1272 Warner Gearset and Steering Gear for 2,4002
lb. Cars
Wear 800
Weight of Parts, Requirements Should Deter-
mine 901 Welding, Directions for Oxy-Acetylene. 885 Wheel Test Is Pa, Tire Triumph. 423 Wood-Wire Wheel Test Is Pa, Tire Triumph 423 1915—A7—League Stride. 1187
_
TOURING
Boston to Philadelphia in an Electric 243

Boston to Philadelphia in an Electric Colorado to Salt Lake Run Cyclecar Reliability Run Detroit Electric Breaks Philadelphia-Boston	243 26 26
Record	27
Exposition Parade, 25,000 Cars in	243
Kissel Truck in Transcontinental Trip	21
Little Giant Truck on 3,000 Mile Tour	196
Marmon Goes 355 Miles in New England on	
High	604
New England—Tourists' Realm	748
Ohio Newspaper Announces Reliability	196
Run, 3 Day Economy	194
Saxon Transcontinental Car Reaches Ely, Nev.	27
Trans-Alpine Run, Sixteen Perfect Scores in	196
Transcontinental Tour Abandoned	101
Two-State Tour Over Pikes Peak Highway	427
White Dealers and Owners on Big Tour	383
Wisconsin Tour, Rules Difficulties May Kill	147
_	

### TRADE NEWS

Abner Doble Motor Vehicle Co. Incorporates. 866
Abher Doble Motor venicle Co. Incorporates. 800
Adams Truck Co. Rehabilitates
Aiax-Grieb Fiscal Vear Greatest in History 559
Allegen Cote Plant Base? Blant
Adams Truck Co. Rehabilitates
Allen Co. Elects
Allen Co. to Build 2,000 Cars
Alaminum and Batalana Cham Bin Caras 1006
Adminum and Petroleum Snow Big Gains 1086
American Bearings Co. Succeeds Bretz In-
terests
Anderson Electric Conventions in Series 470
Anderson Electric Conventions in Series 470
Anderson Goes with Chalmers to Hupp1178
Anderson Goes with Chalmers to Hupp1178 Apperson Light Four and Six Appear 468
Armored Autocore for European Powers 424
Armored Autocars for European Towers 424
Armored Autocars for European Powers
Amored Truck with Gun Turret, to Make 956
Atwater Kent Rusiness Increases 800 Per Cent 908
Atwater Kent Dusiness Increases 600 Fer Cent, 906
Atwater Kent to Build New Factory1181
Australian Market, More Cars Sold for 379
Automobile Dealers, Purchases Cotton for 605 Automobile Trade Thriving 23 Bankers Recognize Automobile Industry 777
Automobile Dealers, I dichases Cotton 101 003
Automobile Trade Thriving
Bankers Recognize Automobile Industry 777
Benham Mfg. Co. Purchased by Frank Bros. 1132 Billings & Spencer to Increase Force. 145 Bingham Co. to Make \$800 Trucks. 139
Dillian C. Carrest to Inches Trank Dios. 1134
Billings & Spencer to Increase Force 145
Bingham Co. to Make \$800 Trucks 139
Blair Co. to Make Trucks Only
Dian Dala Fatallisha No. Carrie 1
Blue Book Establishes New Service Bureau 422
Bonnell to Handle Dodge in Newark 516
Rosch Buys Rushmore Interests 141
Desch Uneffected by Wen
Bosch Buys Rushmore Interests. 141 Bosch Unaffected by War. 468 Boston Dealers Cut Employees' Insurance Rate Box Car Sizes, Special. 512 Bietz, J. S., Elects Officers. 867 Briggs-Detroiter Convention Optimistic. 287 British Engineers Back from Liege. 322 Brooklyn Dealers Play on Long Island. 195
Boston Dealers Cut Employees' Insurance Rate 694
Box Car Sizes, Special
Frote I S Fleats Officers 967
Dictz, J. S., Elects Officers
Briggs-Detroiter Convention Optimistic 287
Briscoe Branch in New York-Other Agencies 471
British Engineers Back from Lings 322
D 11 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D
Brown-Lipe-Chapin Get New Differential 95 B. S. A. Profits for Year \$952,1501125
B S. A. Profits for Vear \$952 150 1125
Duffele Floatrie Males Debut
Buffalo Electric Makes Debut 426
Buick Employees Plan to Eliminate Waste 422 Buick 1915 Schedule of 40,000 Cars to Stand 421
Buick 1915 Schedule of 40,000 Cars to Stand 421
Buick Ships 125 Cars a Day1042
Buick to Make 40,000 Cars 20
Burrows Cyclecar at \$37599
Buses Carry 1 500 000 in May 36
Rue Lines Hurlburt to Operate 21
Burrows Cyclecar at \$375. 99 Buses Carry 1,500,000 in May. 36 Bus Lines, Hurlburt to Operate. 21 C. A. C. Roadster Will Do 50 M.P.H. 357 Caesar Light Car, Marsh to Make. 193 Canada, Business Gain in Western. 1112 Canada Buys Trucks—17 Go to War Camp. 468 Carl G. Fisher, and Party Escape War. 200
C. A. C. Roadster Will Do 50 M.P.H 357
Caesar Light Car. Marsh to Make
Canada Rusiness Cain in Western 1112
Canada Days Tayaba 17 Cata Was Canada 1112
Canada Buys Trucks—17 Go to War Camp 468
Carl G. Fisher and Party Escape War 299 Champion and Jeffery-Dewitt Consolidate 644
Champion and Jeffery Dewitt Consolidate 644
Chandler Declares Extra 10 Per Cent. Dividend 646
Changler Declares Extra 10 Fer Cent. Dividend 646
Chalfant Secretary of Electric Makers 779
Chalmers' Farnings for Fiscal Vear \$1 121 020 516
chandlers for Denmark 556
Chalmers Announces \$1,400 Car 1284
Chalmers Reduces Light Six Price \$200
Chalman III int Cli at \$1 000
Chaimers Light of at \$1,850 234
Chevrolet Co., Big Plant Bought by 21
Chandlers         for Denmark.         556           Chalmers Announces \$1,400         Car.         1284           Chalmers Reduces Light Six Price \$200.         469           Chalmers "Light 6" at \$1,850         234           Chevrolet Co Big Plant Bought by.         22           Chevrolet \$490 Five-Passenger Newest.         113           Charge of Charge Control of Charge Char
Changelet Core 27 0 Miles on 1 Calley
Chevrolet Goes 27.9 Miles on 1 Gallon 516

Chicago 2 406 More Trucks in 23
Cincinnati Speedway Project Chartered 290
Cole Co. Henderson Bros. Rejoin
Colonies Buying Cheaper Cars
Chicago, 3,406 More Trucks in
Company to Build Light Car for \$800, New 315
Continental Motor Co., No Curtailment by 332
Contraband, Cars, Trucks and Accessories 468
Co-operative Garage for Electric Passenger
Cars Costly Cars Will Always Have a Field 259
Costly Cars Will Always Have a Field. 259 Counselman Returns from Active Service. 956 Cowles Patent, New, on Motor Support. 798 Crescent Delivery Car Makes Appearance. 1181 Crow \$725 with Electric Starter and Light. 1088 Crown Prince Steel Wheel, To Make. 1284 Cyclecar, Frasie. 234 Cyclecar, Burrows. 99 Cyclecar vs. Light Car. 45 Cyclecar, Surcess, Quantity Production Means. 145 Cyclecar, Tilikum. 866 De Dion Plant Under Military Control. 511 Delivery Cars Built Like Product. 287 Denby Co,'s 1-Ton Truck. 645 Denby to Take Charge of Export Sales Department of Hupp. 1132 Detroit and Indianapolis State Fairs, 1915 Models at 377
Counselman Returns from Active Service 956
Cowles Patent, New, on Motor Support 798
Crescent Delivery Car Makes Appearance1181
Crow \$725 with Electric Starter and Light1088
Crown Prince Steel Wheel, To Make1284
Cyclecar, Brasie
Cyclecar, Burrows 99
Cyclecar vs. Light Car45
Cyclecar Success, Quantity Production Means. 145
Cyclecar, Tilikum 866
De Dion Plant Under Military Control 511
Delivery Cars Built Like Product 287
Denby Co.'s 1-Ton Truck
Denby to Take Charge of Export Sales De-
partment of Hupp
Detroit and Indianapolis State Fairs, 1915
Models at 513
Models at
Months
Detroit May Have Most Perfect Trame System 692
Detroit Plants Yield 239,902 Cars in 6 Months 233
Diskinger Co. to Meles Ties Mesting
Dickinson Co. to Make Tire Machine 952
Disco Enters Electric Starter Field
Dodge Addition About Finished
Dodge Allotment Snapped Up, Northwest 4/1
Dodge Bros. Incorporate for \$5,000,000 93
Drigge Sephere Ceta II S Tayol Onder 238
Driggs-Seabury Gets U. S. Truck Order 95
Ensemann Adds Space, Works Double Shitt doy
English Makers West Trade Date 555
Embargo Dubbar Industry Proteste 1291
Furone Is Speed Mad-Heaslet 222
Furone Rim and Tire Standard in 331
Eafnir Co to Sell Direct from Factory 741
Farmers Own One-third of Wisconsin's Cars 503
Federal Casings Prices Reduced 1042
Federal Factories to Cost \$500,000
Federal Trucks, Two \$1,900 Worm Driven 1088
Fifth Avenue Coach Co. Earns \$226,673 869
Fire Regulations for Garages, to Revise 997
Firestone Convention Closes; Big Success 781
Firestone Dividend, Extra 2 Per Cent 516
Firestone Factory Foremen Hold Outing 194
Firestone Free Library for Employees 157
Fischer-Detroit Light Car for \$595 20
Fisk Tire Sizes and Prices Cut
Ford, Canadian, Profits \$2,022,496 in 19141283
Ford Increases Surplus by \$20,702,859.39 355
Ford Lowers Prices from \$60 to \$120 a Car 284
Ford Plant, 3,732,585 Square Feet in 95
Ford Price Reductions
Fords 50 507 Sold in 2 Months
Ford Shing 21 076 Corn in Contember 242
Ford's Home Trade Crowing 560
Foreign Care Reing Imported 690
Forge Ruys Flanders Mfg Co 20
Form Co. to Make Searle Tube 1132
Four-Wheel Drive Co. Holds Annual Meeting, 193
France Buys 900 More Trucks 998
Franklin Lower in Price 233
Franklin's September Shipment Increases 743
Per Cent 736
Freight Increase Covers Cars and Parts1155
Frisco Trade Unites Against Price Cutting 380
Garage Men to Increase Rents
Gas-Electric Taxicab for New York Taxicab Co. 864
Gasoline at 10.3 Cents a Gallon in Kansas City 426
Casalina Price Cuts Starter Deiend
General Flectric to Make Storters
General Motors Directors Research
General Motors Made 58 000 Cars in 1014 422
General Motors Sells More Care 602
General Motors Shows Increase 101
General Motors Cancels \$2,000,000 in Notes 190
Georgia, Cotton Traded for Cars in
Goodyear Gets Big Supply of Rubber 469
Goodyear Officers and Directors Re-elected 1132
Goodyear Profits \$3,391,165 for Year 1089
Goodyear Profits \$3,391,165 for Year 1089 Goodyear Returns to Old List Tire Prices 380
Goodyear Profits \$3,391,165 for Year 1089 Goodyear Returns to Old List Tire Prices 380 Gray & Davis Increase 25 Per Cent 243
Goodyear Profits \$3,391,165 for Year 1089 Goodyear Returns to Old List Tire Prices 380 Gray & Davis Increase 25 Per Cent 243 Grossman Buys Windshield Cleaner Patent 825
Goodyear Profits \$3,391,165 for Year 1089 Goodyear Returns to Old List Tire Prices 380 Gray & Davis Increase 25 Per Cent 243 Grossman Buys Windshield Cleaner Patent 325 Grossman Plug Called One Piece 1002
Goodyear Profits \$3,391,165 for Year
Goodyear Profits \$3,391,165 for Year
Goodyear Profits \$3,391,165 for Year 1089 Goodyear Returns to Old List Tire Prices. 380 Gray & Davis Increase 25 Per Cent 243 Grossman Buys Windshield Cleaner Patent. 825 Grossman Plug Called One Piece. 1002 Handley Forms \$1,000,000 Company. 1280 Harroun Made Chief. 822 Havers Plant Burned. 97
Goodyear Profits \$3,391,165 for Year
Goodyear Profits \$3,391,165 for Year 1089 Goodyear Returns to Old List Tire Prices. 380 Gray & Davis Increase 25 Per Cent 243 Grossman Buys Windshield Cleaner Patent. 225 Grossman Buys Windshield Cleaner Patent. 225 Grossman Plug Called One Piece 1002 Handley Forms \$1,000,000 Company 1280 Harroun Made Chief 222 Havers Plant Burned 97 Hayden Is Pullman General Manager. 235 Haynes Light Six for \$1,485 234 Helena Dealers Sell 150 Cars in 1914 423 Helena Dealers Sell 150 Cars in 1914 423 Hodd Tire Co. Is Organized 1131 Hoosier Automobile Men Are Optimistic. 1132 Hough Handles Mitchell in 5 States 516 Hudson's August Shipment 1,697 Cars 604 Hudson Distributor Installs New Service 187 Hupmobile October Shipment 1,382 Cars 908 Hupmobiles, 200 in New York Reunion 560 Hupp Meeting, Orders Mutiplied at 228 Hupp to Continue Model 32 734 Ludestretible Tier Co. 200 100
Goodyear Profits \$3,391,165 for Year
Detroit Companies, 127 Incorporated in 7 Months Months 424 Detroit May Have Most Perfect Traffic System 692 Detroit Plants Yield 239,902 Cars in 6 Months 233 Detroit Starter Co. Organized

	45
Iowa's 1914 Car Valuation \$115,000,000 4	15
Iowa Spends \$20,000,000 on Automobiles 23	
Veffery Co. Fixes 23 Sales Districts 1. Jeffery Convention, 300 Dealers at	
J. E. Weston, General Sales Manager U. S. Tire Co	02
Johns-Manville Takes Over, Tirenew and	
Joy Sends "Cheer Up" Telegram Broadcast 3	49
Narco 99 Sends "Cheer Up" Telegram Broadcast 3 Kansas Cars Owned by Farmers, 93 Per Cent.116 K. C. B. Co. Organized to Manufacture Carburgers 2	03
Carbureter	35
Keaton Tire, Combination Rubber Takes Over 5	67 53
Kelly-Springfield Sells 1,000 Trucks 3	32
Kilbourne's \$350 Taxi Ride 5. KisselKar Agency for New York Taken Over	56
Carbureter  Carbureter  Keaton Tire, Combination Rubber Takes Over. S  Kelly-Springfield Sells 1,000 Trucks 3.  Kilbourne's \$350 Taxi Ride 5.  KisselKar Agency for New York Taken Over  by Benz 5.  Klaxon's New Price List 12  Klaxon Reorganizes Sales Organization 6  Knight Motors Built for Trade 6	56
Klaxon Reorganizes Sales Organization 6	93
	20 85
Knox Tractors for Europe 5	59
Koppin Light Car to Sell at \$385	14
Keit Co Adde Cabrielet to Ite Line 2	12
	68 90
Lincoln Highway Dedication, Elkhart Parades	-
Locomobile Co. Makes Statement 2	08 38
London Dealer Secures American Agencies. 7	38 20
Lozier Opens \$100 Photograph Contest 2	98
Longuemare to Push Imported Carburetors	99
Lozier, Houpt Acquires More Territory for. Lozier Opens \$100 Photograph Contest. 2 Longuemare to Push Imported Carburetors. L-P-C Designer Attending Army Trucks. 3 Lyons Atlas Capital Is \$1,500,000. 11 Mail Man, 16-Year Contract for. 11 Mail Manzel Adds Ford Pump. 12 Market Opens with Renewed Activity. 9 Master Carbureter Corp. Organized. Maxwell Earns 12 Per Cent. on First Preferred. 7 Maxwell Repesentatives Meet in Detroit. 9 Master Maxwell & Case Stocks Listed. 12 McGraw Tire Co. Offers \$500,000 Stock. 12 Metal Auto Parts Co., Changes Name to. 1 Metric System in London. 7	32
Mail Man, 16-Year Contract for	13
Market Opens with Renewed Activity 9	57
Maxwell Earns 12 Per Cent. on First Preferred. 7	36
Maxwell Repesentatives Meet in Detroit 9	60
McGraw Tire Co. Offers \$500,000 Stock12	81
Metric System in London	93
Metric System in London	35
ports 22 Per Cent. of	166
ports 22 Per Cent. of	96
Minneapolis Industry Employs 1,437	90
Monroe Co. to Make \$450 Light Car	84
Mooney and Buck Resign from Hupp Co. 11	33
Motor Products Co. Absorbs Cricket 6	94
National Co. Has Record 10 Months	34
Nebraska Wheat, 142 Per Cent. of Average 6	04
Newark, Trade Changes in	70
Milwaukee Dealers' 1914 Deliveries Too Slow. 4 Minneapolis Industry Employs 1,437	86
lations10	
New York Garagemen, New Plan of	34
Plan Nichols Appointed Eastern Representative of	84
Attenois Appointed Pastern Representative of	

Disco Co	
Norwalk Six, Company Organized to Sell 909	
Norwalk Six, Company Organized to Sell 909	
Notes Bloom B. Bernard and Operated 1101	
Nyberg Flant to be Reopened and Operated	
Ohio Trade Get Cut Rates	
Ott Will III O. I''. F.	
Olt Talks on War Conditions in Europe 555	
Overland Adds 17 Acres of Floor Space 957	
Overland Adds 17 Meres of Proof Space 537	
Overland Net Earnings \$5,864,858 646	
Overland's October Rusiness Totals \$5 572 000 860	
Overland's October Business Totals \$5,572,000. 605	
Overman Files Schedules	
Orange Mass to Build Trucks in 284	
Orange, mass, to build litters in the second	
Overland Car Shipments Increase 4,194 999	
Overland Factories Rushed-Willys Ontimistic 506	
The last Color to Beauty of the last to th	
Overland Gains 40 Per Cent	
Overland \$5 000 000 Stock Increase 470	
O land When the control of the contr	
Overland Plans 75,000 Cars for Next Year 143	
Overland Plant to Be World's Largest 190	
Control of the transfer of the	
Overland's Connecticut Dealers Hold Conven-	
tion	
Organization Co. Francel New 1002	
Overman Tire Co. Formed, New	
Owen Cars. 250 with Entz Gearset for 1915. 1178	
Washand Darlow in Cassing This Work 297	
overnand Tire Co. Formed, New	
Packard Is Now All-American Car 905	
D. Lord Ware Coules Between for	
Packard, More Cowles Patents for 3/8	
Packard Paris Manager Sees Business Oppor-	
tunity 960	
Packard Patent on Wire Wheel for Kardo 140	
Packard Patent on Wire Wheel for Kardo 140	
Baland Balantin Bosses 25 000 Mark	
rackard Froduction Passes 25,000 Mark //9	
Packard Truck Sales for June. \$825.394 97	
Paine Cute Can Prince \$50 and \$90	
raige Cuts Car Prices \$50 and \$60 285	
Partin Co. Takes Over Staver Plant 235	
Peopless Conserves Perousses for New Plans 07	
Teeriess Conserves Resources for New Tillis 97	
Peerless Four at \$2,000—Six \$2,250	
Peerless 48 Only Six Next Vear 121	
recires to Only Six Next Tear 721	
Peerless Gets Big Truck Order Abroad1044	
Petard Wounded at Meuse 1044	
Transaction Continue	
Pierce-Arrow Agents in Session 500	
Plug Porcelains, Heavy Printed China Duty	
for	
101	
Poole Makes Report on European Conditions, 864	
Page Footom to De Sold at Austin 20	
Pope Factory to Be Sold at Auction 20	
Pope Factory to Be Sold at Auction	
Pope Factory to Be Sold at Auction	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned. 191 Powers Want Federal Trucks. 285	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princes Car \$495 with Disco Starter 1284	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned. 191 Powers Want Federal Trucks. 285 Princess Car \$495 with Disco Starter. 1284	
Pope Factory to Be Sold at Auction         20           Pope Parts in Hartford, to Make         467           Pope Plant to Be Auctioned         191           Powers Want Federal Trucks         285           Princess Car \$495 with Disco Starter         1284           Premier Cars, to Continue         1134	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co,'s New Management 101	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned. 191 Powers Want Federal Trucks. 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue. 1134 Profit-Sharing by Detroit Companies. 1281 Pullman Co.'s New Management. 101 Rates for Charging Electrics Less. 283	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Persintent for \$650\$	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 . 561	
Pope Factory to Be Sold at Auction   20	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plats in Hartford, to Make 467 Pope Plats in Hartford 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 561 Reo Adds \$330,000 Equipment 493 Rec Engl 1914 Season—Big Gains 955	
Pope Factory to Be Sold at Auction   20	
Pope Factory to Be Sold at Auction   20	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5 476,049 Pounds in 3 Weeks 1042	
Pope Factory to Be Sold at Auction	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 566 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Wecks 1042 Rubber Prices Normal 558 Rubber Shipments for U.S. 1130	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S 1130	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 588 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 556 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Brinch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Con-	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 566 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 32 Safety-First M. C. Co., a New Michigan Con-	
Pope Factory to Be Sold at Auction	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 382 Samson Engineering Co. Bring Out Starter 327	
rackard Paris Manager Sees Business Opportunity Packard Patient on Wire Wheel for Kardo? 140 Packard Production Passes 25,000 Mark. 779 Packard Truck Sales for June, \$825,394. 97 Paige Cuts Car Prices \$50 and \$80. 285 Partin Co. Takes Over Staver Plant. 235 Peerless Conserves Resources for New Plans 97 Peerless Four at \$2,000—Six \$2,250. 613 Peerless Four at \$2,000—Six \$2,250. 613 Peerless Gets Big Truck Order Abroad. 1044 Petard Wounded at Meuse. 1044 Pierce-Arrow Agents in Session. 560 Plug Porcelains, Heavy Printed China Duty for 559 Poole Makes Report on European Conditions. 864 Pope Factory to Be Sold at Auction. 20 Pope Parts in Hartford, to Make. 467 Pope Plant to Be Auctioned. 191 Powers Want Federal Trucks. 285 Princess Car \$495 with Disco Starter. 1284 Premier Cars, to Continue. 1134 Profit-Sharing by Detroit Companies. 1281 Pullman Co.'s New Management. 101 Rates for Charging Electrics Less. 283 Remington for \$495. 561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains. 955 Republic Rubber to Open Foreign Brinch. 1182 Rubber Prices Normal. 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here. 332 Safety-First M. C. Co., a New Michigan Concern. 520 Sawage 20 to Sell for \$650. 21	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plats in Hartford, to Make 167 Pope Plats in Hartford, to Make 167 Pope Plats in Hartford 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 382 Samson Engineering Co. Bring Out Starter 327 Sawage 20 to Sell for \$650 226	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 282 Samson Engineering Co. Bring Out Starter 327 Savage 20 to Sell for \$650 21 Saxon Adds Light Delivery for \$395 864	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 556 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Brinch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 382 Safety-First M. C. Co., a New Michigan Concern 382 Savane Adds Light Delivery for \$395 864 Saxon Adds Light Delivery for \$395 864	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Prullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Rec Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 237 Sawason Engineering Co. Bring Out Starter 327 Savage 20 to Sell for \$650 21 Saxon Adds Light Delivery for \$395 864 Saxon, Child's Seat for 665	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern Samson Engineering Co. Bring Out Starter 327 Savage 20 to Self for \$650 21 Saxon Adda Light Delivery for \$395 864 Saxon, Child's Seat for 605 Saxon Legses Abbott Factory 1042	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Pullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Reo Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 382 Samson Engineering Co. Bring Out Starter 327 Savage 20 to Sell for \$650 21 Saxon Adds Light Delivery for \$395 864 Saxon, Child's Seat for 605 Saxon Lesses Abbott Factory 1866	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380 Shaw Motor Incorporates for \$1,000,000 952 Sheldon Axle & Spring Co 909 Shoemaker Resigns from A. A. 866 Sigwalt with Federal M. T. Co 425 Sioux City Speedway, Syndicate Buys 196 South Africa, Big Field for Cars in 219 South Africa, Big Field for Cars in 219 South American Countries Have No More	
Saxon Adds Light Delivery for \$395. 864 Saxon, Child's Seat for 605 Saxon Leases Abbott Factory. 1042 Saxon Takes Over New York City Branch 380 Shaw Motor Incorporates for \$1,000,000 952 Sheldon Axle & Spring Co 909 Shoemaker Resigns from A. A. 866 Sigwalt with Federal M. T. Co 425 Sioux City Speedway, Syndicate Buys 196 South Africa, Big Field for Cars in 219 South Africa, Big Field for Cars in 219 South American Countries Have No More	
Pope Factory to Be Sold at Auction 20 Pope Parts in Hartford, to Make 467 Pope Plant to Be Auctioned 191 Powers Want Federal Trucks 285 Princess Car \$495 with Disco Starter 1284 Premier Cars, to Continue 1134 Profit-Sharing by Detroit Companies 1281 Prullman Co.'s New Management 101 Rates for Charging Electrics Less 283 Remington for \$495 5561 Reo Adds \$330,000 Equipment 493 Rec Ends 1914 Season—Big Gains 955 Republic Rubber to Open Foreign Branch 1182 Rubber Imports 5,476,049 Pounds in 3 Weeks 1042 Rubber Prices Normal 558 Rubber Shipments for U. S. 1130 Rudge Whitworth to Send Manager Here 332 Safety-First M. C. Co., a New Michigan Concern 232 Samson Engineering Co. Bring Out Starter 327 Savage 20 to Sell for \$650 21 Saxon Adds Light Delivery for \$395 864 Saxon, Child's Seat for 665 Saxon Leases Abbott Factory 1042 Saxon Takes Over New York City Branch 330 Shaw Motor Incorporates for \$1,000,000 952 Sheldon Axle & Spring Co. 909 Shoemaker Resigns from A. A. 866 Sigwalt with Federal M. T. Co. 425 South Africa, Big Field for Cars in 219 South Africa, Big Field for Cars in 219 South American Countries Have No More Than 27,000 Cars 650 Saxon Heaver 2, Cent Postage Suggested for 605 South American Countries Have No More Than 27,000 Cars 650	

South America, Wants U. S. Dollar as Ex- change Basis in. Sparks Elected Mayor of Jackson. Sparton Territory Allotted to W. R. Chandler	
change Basis in	558
Sparks Elected Mayor of Jackson	1132
Sparton Territory Allotted to W. R. Chandler	160
Sphiny Co. Ruye Hast Kraft Plant	561
Splittdorf-Apple Plants All in Newark	379
Spring Maker to Work with Truck Builder	1130
Standard Arms Gas-Electric Truck	692
Sparton Territory Allotted to W. R. Chandler in East Sphinx Co. Buys Hart Kraft Plant Splitdorf-Apple Plants All in Newark. Spring Maker to Work with Truck Builder. Standard Arms Gas-Electric Truck. Stearns Factory, 500,000 Square Feet Addition to Steel Orders Are in Bigger Voluume Sterling Co. to Build Light Cars. Stevens-Duryea Sales Total \$3,503,500.94. Stewart-Warner Earns \$400,000 on Common	
tion to	190
Steel Orders Are in Bigger Voluume	381
Sterling Co. to Build Light Cars	284
Stewart Warner Farne \$400,000 on Common	900
Stock	96
Storms Co. to Make Electrics	1045
Storms Electric Leases Mercury Plant	1088
Studebaker Dealers Drive from Factory, 235	288
Studebaker Demand Biggest in Years	471
Stewent-Warner Earns \$400,000 on Common Stock Storms Co. to Make Electrics Storms Electric Leases Mercury Plant. Studebaker Dealers Drive from Factory, 235. Studebaker Demand Biggest in Years. Studebaker Liabilities Shrink \$2,216,000. Studebaker's Sales Triple in 2 Weeks of September	238
studebaker's Sales Triple in 2 weeks of Sep-	608
tember Studebaker's September Sales \$4,277,797 Stutz Brings Out Light Four. Swartz Carburetor Co. Organized Swinehart Co. Has \$137,000 Surplus. Swinehart Tire & Rubber Co. Dividend Paid Tire Companies Advance Prices 10 to 20 Per Cent	609
Stutz Brings Out Light Four	468
Swartz Carburetor Co. Organized	380
Swinehart Co. Has \$137,000 Surplus	691
Swinehart Tire & Rubber Co. Dividend Paid	191
Cont Companies Advance Prices 10 to 20 Per	220
Tire Prices at Refore War Level	680
Tire Prices on Aug. 27 Down	421
Tire Prices Remain at Normal Conditions	511
Trade Conditions, Chalmers Men Optimistic on	192
Trego Is Assistant Manager of Knox	692
Unisparker Wins Medal for Kent	644
Tire Companies Advance Prices 10 to 20 Per Cent.  Tire Prices at Before-War Level.  Tire Prices on Aug. 27 Down.  Tire Prices Remain at Normal Conditions.  Trade Conditions, Chalmers Men Optimistic on Trego 1s Assistant Manager of Knox.  Unisparker Wins Medal for Kent.  United States Appoints 7 Commercial Attaches United States May Devote \$200,000 to Armored Trucks.	044
Armored Trucks	737
Armored Trucks United States Output 515,000 1914 Cars,	
\$485,000,000	
U. S. Rubber Co. Has \$8,000,000 Cash	1177
U S Bubbas France Divideed	691
U. S. Rubber Earns Dividend	691 866
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production.	1177 691 866 1089
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production. Used Car Report Out, Second.	1177 691 866 1089 1181 696
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third.	1177 69! 866 1089 1181 696 1133
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend.	1177 69! 866 1089 1181 696 1133 605
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory.	1177 69! 866 1089 1181 696 1133 605 20
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric	1177 69! 866 1089 1181 696 1133 605 20 284
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories.	1177 69! 866 1089 1181 696 1133 605 20 284 1132
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade.	1177 69! 866 1089 1181 696 1133 605 20 284 1132 298 331
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars.	1177 691 866 1089 1181 696 1133 605 20 284 1132 298 331
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production Used Car Report Out, Second Used Car Report Issued, Third Vacuum Oil Dividend Van Patten Gets Larger Territory Wagenhals Experimenting with Small Car Walker Absorbs Chicago Electric War Choses French Car Factories War Injures Only European Trade Warm Hand Steering Wheels for All Cars War Shatters Motor Exports Boom	1177 691 866 1089 1181 696 1133 605 20 284 1132 298 331 191 283
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government.	1177 691 866 1089 1181 696 1133 605 20 284 1132 298 331 191 283 1088
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production Used Car Report Out, Second. Used Car Report Issued, Third Vacuum Oil Dividend. Van Patten Gets Larger Territory Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. Wave Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop.	1177 691 866 1089 1181 696 1133 605 20 284 1132 298 331 191 283 1088 821
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Injures Only European Trade. Warm Shatters Motor Exports Boom. Waverlev Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike. Workmen Call Off.	1177 691 866 1089 1181 696 1133 605 20 284 1132 298 331 191 283 1088 821 826
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia.	1177 69! 866 1089 1181 696 1133 605 20 284 1132 298 331 191 283 1088 821 866 110
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motors, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Barre Agents Sold 818 Cars in 1914.	1177 69! 866 1089 1181 696 1133 605 20 284 1132 298 331 191 283 1088 821 866 110
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production Used Car Report Out, Second Used Car Report Issued, Third Vacuum Oil Dividend Van Patten Gets Larger Territory Wagenhals Experimenting with Small Car Walker Absorbs Chicago Electric War Closes French Car Factories War Injures Only European Trade Warm Injures Only European Trade Warm Shatters Motor Exports Boom Waverley Shop Trucks for Government Weidely Motor, Owen to Develop Weidely Motors for Trade Westinghouse Strike, Workmen Call Off White Trucks, 244 for Russia Wilkes Barre Agents Sold 818 Cars in 1914 Wilkens Studentes Strikes Contents	1177 691 866 1089 1181 696 1133 605 20 284 1132 298 331 283 1088 821 866 110 1178 423 366
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes Berre Agents Sold 818 Cars in 1914. Willard Battery Branches for Europe. Willys Overland Business Repaks Preased	1177 691 1181 696 1181 696 1183 605 20 284 1132 298 331 191 283 866 110 1178 423 366 287 777 777
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Barre Agents Sold 818 Cars in 1914. Willard Battery Branches for Europe. Willys-Overland Business Breaks Record. Willys-Overland Business Breaks Record.	1177 691 691 696 1089 1181 696 605 20 284 1132 298 331 191 283 1088 821 866 110 1178 423 36 287 777 7349
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads U. S. Tire Concentrates Production Used Car Report Out, Second Used Car Report Issued, Third Vacuum Oil Dividend Van Patten Gets Larger Territory Wagenhals Experimenting with Small Car Walker Absorbs Chicago Electric War Closes French Car Factories War Injures Only European Trade War Injures Only European Trade War Shatters Motor Exports Boom Waverley Shop Trucks for Government Weidely Motor, Owen to Develop Weidely Motors for Trade Weidely Motors for Trade Weithes Barre Agents Sold 818 Cars in 1914 Wilkes Barre Agents Sold 818 Cars in 1914 Wilkes Barre Agents Sold 818 Cars in 1914 Willand Battery Branches for Europe Willman, Studebaker Advertising Chief Willys Sees Big Trade Opportunity Wilson Co. Announces New Truck	1177 691 866 1089 1181 696 605 204 1132 298 331 1088 821 1178 423 36 1178 423 36 287 777 777 777 778
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Berre Agents Sold 818 Cars in 1914 Willand Battery Branches for Europe. Willman, Studebaker Advertising Chief. Willys Sees Big Trade Opportunity. Wilson Co. Announces New Truck.	1177 691 866 691 8866 1089 1181 696 605 20 2844 1191 283 1198 821 866 6287 7777 349 863 333 333 333 333
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motor, Owen to Develop. Weidely Motor, Frade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Barre Agents Sold 818 Cars in 1914. Willand Battery Branches for Europe. Willman, Studebaker Advertising Chief. Willys-Overland Business Breaks Record. Willys-Overland Business Breaks Record. Willson Co. Announces New Truck. Wilson Co. to Build Trucks.	691 866 1089 1181 696 1133 605 20 284 1132 2988 331 1088 821 826 110 1178 423 36 287 777 777 778 333 333
U. S. Rubber Earns Dividend U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. War Injures Only European Trade. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Barre Agents Sold 818 Cars in 1914. Willand Battery Branches for Europe. Willman, Studebaker Advertising Chief. Willys-Overland Business Breaks Record. Willys Sees Big Trade Opportunity. Wilson Co. Announces New Truck. Wilson Co. to Build Trucks. Winton Repair Expense Contest Won by John Grau	691 866 1089 1181 696 1133 605 20 284 1132 2988 331 1088 821 826 110 1178 423 36 287 777 777 778 333 333
U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Out, Second. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Injures Only European Trade. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Barre Agents Sold 818 Cars in 1914. Willand Battery Branches for Europe. Willys Sees Big Trade Opportunity. Wilson Co. Announces New Truck. Wilson Co. to Build Trucks Winton Repair Expense Contest Won by John Grau Winton Motor Car Co., New Name. Wire Prices Advance \$1.2 Top.	691 866 1089 1181 696 1133 605 20 284 1132 2988 331 1088 821 826 110 1178 423 36 287 777 777 778 333 333
Armored Trucks United States Output 515,000 1914 Cars, \$485,000,000 U. S. Rubber Co. Has \$8,000,000 Cash. U. S. Rubber Earns Dividend. U. S. Rubber Export Co., Haxley Heads. U. S. Tire Concentrates Production. Used Car Report Issued, Third. Vacuum Oil Dividend. Van Patten Gets Larger Territory. Wagenhals Experimenting with Small Car. Walker Absorbs Chicago Electric. War Closes French Car Factories. War Injures Only European Trade. Warm Hand Steering Wheels for All Cars. Warm Hand Steering Wheels for All Cars. War Shatters Motor Exports Boom. Waverley Shop Trucks for Government. Weidely Motor, Owen to Develop. Weidely Motors for Trade. Westinghouse Strike, Workmen Call Off. White Trucks, 244 for Russia. Wilkes-Barre Agents Sold 818 Cars in 1914. Willard Battery Branches for Europe. Willys-Overland Business Breaks Record. Willys-Overland Business Breaks Record. Willys-Overland Business Breaks Record. Willson Co. Announces New Truck. Wilson Co. to Build Trucks. Wilson Co. to Build Trucks. Wilson Co. Now Name. Wire Prices Advance \$1 a Ton. Wisconsin Buys 18,000 Cars. Zoline Co. Incorporates, \$100,000 Capital.	691 866 1089 1181 696 1133 605 20 284 1132 2988 331 1088 821 826 110 1178 423 36 287 777 777 778 333 333



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